

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Taiyabpura Bauxite Mine
1(b)	Name of Inspecting Officer	Ashish Pal, Assistant Mining Geologist
1(c)	Accompanying Mines Representatives	Rakesh Dodiya, Mining Engineer
1(d)	Type of Inspection	MCDR/SDF
1(e)	Date of Inspection	24-12-2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 7.83 Ha. Forest land – 0.0 Non Forest land – 7.83 Ha.
3	Mine-code	07GUJ09017
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9072/2012
5	Name of the lessee, Address, phone, email and fax number	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	Taiyabpura
7	Taluka/Mandal	Kapadvanj
8	District	Kheda
9	Pin code	387620
10	State	Gujarat
11	Post office	Kapadvanj
12	Nearest police station	Kapadvanj
13	Nearest Railway station	Kapadvanj
14	Date of Grant of Mining Lease	31-01-1986
15	Date of Execution	30-06-1986
16	Date of opening of Mine	Nil
17	Date of first Renewal, if applicable and its period & expiry	27-06-2005
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	Extension upto 29-06-2036 on 20-03-2020
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
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	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA
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-313 Mining Plan approval date 08-02-2011 with five-year period.
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 approval date 04-02-2016 with four-year period. Review of Mining plan approval date 05-02-2021 with five-year period valid up to 2025-26 (No.312/21).
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)	others
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	No proposal	Nil	Entire area G-1
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	
1c	Exploration Agency & Expenditure in lakh	No proposal	Nil	-

	Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	-
1e	Balance reserves as on 31.03.2024 (in Mio. Metric Tonne)	Violation observed under rule 45(5)(c), the reserve/resources data as provided in returns is incorrect.		
1f	General remarks of inspecting officer on geology, exploration etc.	There is no production in the year 2023-24.		

2.0 Development

S N	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area	One location was proposed	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Nil	Nil	-
2c	Stripping ratio or ore to OB ratio	1:0.00	Nil	-
2d	Quantity of topsoil generation in m3	Not proposed	Nil	-
2e	Quantity of overburden generation in m3	Not proposed	Nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	There is no proposal of topsoil and overburden in mine. Environment Clearance Certificate due to be obtained. Therefore, mining operations are not carried out.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	1	Approx.110x100x6m	Mining operations are not carried out due to EC is not granted.
3b	Quantity of ROM mineral production proposed	54,000 T	Nil	
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	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	Mechanised	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal as the proposal of use of rock breaker was there	Nil	
3j	Provision of drilling & blasting in mineral benches	No proposal	Nil	
3k	Provision of mining machineries in mineral benches	No proposal	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Rock breaker	Nil	
3m	Total area covered under excavation/pits	2.38 Ha	2.38	
3n	Ore to OB ratio for the pit/mine during the year	1:0	Nil	
3o	Total area put in use under different heads at the end of year	3.926 Ha	3.73 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 1,24,654 T 2020-21: 1,20,531 T 2021-22: 1,15,876	2019-20: 84,000 T 2020-21: 11,3800 T 2021-22: 98000 T 2022-23: 115000 T 2023-24: 0 T	.

		T 2022-23: 46,000 T 2023-24: 60,000 T		
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

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	NA	
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.		

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	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	-
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	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		
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No Proposal	NA	
6c	Afforestation done (ha)	0.20 ha	0.20 ha	-
6d	No. of saplings planted during the year	200	200	
6e	Cumulative no. of plants	No Proposal	870	
6f	Any other specific method of rehabilitation	Nil	Nil	-
6g	Cost incurred on watch & care during the year	No Proposal	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	0.02ha	0.02ha	
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	PMCP activities done as per proposal and report uploaded.		

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	47600.530	As per approved cement grade
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	-
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	No mineral production done during the year. Only dispatch of 47600.530 quantity reported. No0 mineral conservation issue found.		

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	
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)	NA	NA	
8g	Survival rate	Assumed 70%	NA	
8h	Water sprinkling on roads to control airborne dust	Proposed	as per proposal by water tankers	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Found satisfactory		

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	Details of Mining Engineer, Geologist and Mine Manager in annual return 2023-24 has been mentioned.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining non forest: 0.68 Ha. Reclaimed area: 00 Ha. Dumps: 00 Ha.		
9d	Scrutiny of Annual return on afforestation	200 nos of sapling within lease area survival rate :60%	Approx. 150 nos.	SCN is being issued.
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No production reported	-	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No production reported	-	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Details given	-	
9i	Scrutiny of Annual return on fixed assets	Depreciation on fixed assets 200000/-		
9k	Scrutiny of Annual return on mining machineries	WATER TANKER 50000 lit. capacity	-	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -

- As per office record, violation had been given on Rules 34A on 18-10-2023 and the same has been complied on 29-11-2023.
- Drone data has been submitted on DDMS portal. The data has been analysed and found as per SOP.
- Report has been uploaded in MIDPAS.
- The MCDR/SDF inspection was done on 24-12-2024 & No mining works were observed during the time of inspection.
- Discrepancy has been observed in annual return 2023-24 therefore show cause notice is being issued.
- Star Rating validation of Mine has been done. Mine remains in 3 Star as self-assessed by Lease.

Ashish Pal,
Assistant Mining Geologist
Indian Bureau of Mines
