

**MCDR INSPECTION REPORT**

I/30867/2024

**1.0 GENERAL**

<b>SN</b>	<b>Particulars</b>	<b>Details</b>
1(a)	Name of the Mine	TUKDA Bauxite Mine
1(b)	Name of Inspecting Officer & Designation	Sh. Snehal Kumar Patel, Asst. Mining Engineer
1(c)	Accompanying Mines Representatives	Shri Dolarai Mulji Thanki & Sh. Harsh Trivedi (QP)
1(d)	Type of Inspection	Review of Mining Plan
1(e)	Date of Inspection	04-09-2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease area- 5.6656 ha (Non forest area)
3	Mine Code	07GUJ08008
4	IBM Registration Number under rule 45 of MCDR, 2017	IBM/287/2011
5	Name of the lessee, Address, phone, email and fax number	Shri Dolarai Mulji Thanki Gaytri Avinash Society Near VasANJI Kheraji School Porbandar, Dist. Porbandar Gujarat-360575 Mo.: +91- 9925111138 Email: <a href="mailto:raviraj1707@gmail.com">raviraj1707@gmail.com</a>
6	Village	Tukda Miyani
7	Taluka/Mandal	Porbandar
8	District	Porbandar
9	Pincode	360575
10	State	Gujarat
11	Post office	Porbandar
12	Nearest police station	Porbandar
13	Nearest Railway station	Porbandar
14	Date of Grant of Mining Lease	04/04/1983
15	Date of Execution	05/09/1987
16	Date of opening of Mine	05/09/1987
17	Date of first Renewal, if applicable and its period & expiry	13/08/2018 –Order by Govt. of Gujarat up to 14/09/2037 as per MMDR Amendment Act,2015
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	<b>Name of the Nominated Owner-</b> Shri Dolarai Mulji Thanki <b>Address-</b> Gaytri Avinash Society Near VasANJI Kheraji School Porbandar, Dist. Porbandar Gujarat-360575 Mo.: +91- 9925111138 Email: <a href="mailto:raviraj1707@gmail.com">raviraj1707@gmail.com</a>
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 55 & carrying out their duties as per rule 56 & 57.	NA
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide letter No- 682(23)MS-449/2008M CCM(N) UDP, Dated 12-12-2008
26	Date of Approval of Review of Mining/Modified of Mining with five-year period and specific condition in approval letter, if any.	Scheme of Mining was approved vide letter No- 682(23)(MP449)/2008 MCCM(N)UDP Dated- 10-04-2014
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
30	Captive/Non Captive	Non-Captive

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

**Exploration**

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SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
1a	Backlog of previous year	No Approved Document for the Period	As reported during inspection no work carried out	
1b	Exploration over lease area for Geological axis 1 or 2.	Mining Plan not approved 2018-19 to 2022-23	04 TP done year 2021-22	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Lease its self.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Approved Document for the Period	NIL	
1e	Balance reserves as on 01.09.2023	As per latest approved mining plan.	Total Mineral reserve 1) Proved Mineral Reserve(111) = 701750 MT 2) Prefeasibility Mineral Resource (221) = 108750 MT	
1f	General remarks of inspecting officer on geology, exploration etc.	Mining Plan not approved in the year 2018-19 to 2022-23. 4 Trial Pits done in the year 2021-22.		

**2.0 Development**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
2a	Location of development w.r.t. lease area	No Approved Document for the Period	Pit- 01 observed.	Not done, Since mine is not working due to want of EC.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)		Top soil = NIL OB= 2 to 3 Mts Mineral Bauxite = 5 to 6 Mts	
2c	Stripping ratio or ore to OB ratio		NIL	
2d	Quantity of topsoil generation in m3		NIL	
2e	Quantity of overburden generation in m3		NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining is non-working due to lack of approved mining plan & EC. Mining work has been done in 01 pit in the past. No mining works observe during the time of inspection.		

**3.0 Exploitation**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
3a	Number of pits proposed for production	No Approved Document for the Period.	Not done any ROM production due to Mining Plan not approved & EC under process.	
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		Not applicable in view of above.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	During inspection bench height & width of irregular shape were observed.	
3m	Total area covered under excavation/pits	Nil	2.3 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	Nil	1:00	
3o	Total area put in use under different heads at the end of year	Nil	OC working-2.3 Ha. Others- 0.02 Ha.	
3p	Production of ROM mineral during last four-year period, as applicable	Yr-2018-19: 0 tons Yr-2019-20: 0 tons Yr-2020-21: 0 tons	Yr-2018-19= 0 tons Yr 2019-20=0 tons Yr-2020-21: 0 tons	

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		Yr-2021-22: 0 tons Yr-2022-23: 0 tons	Yr-2021-22: 0 tons Yr-2022-23: 0 tons	
3q	General remarks of inspecting officer on method of mining etc.	Mining is non-working due to lack of approved mining plan & EC.		

**4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not Proposed	NIL	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	NIL	
4c	Number of dumps within lease area and outside lease area	Not Proposed	NIL	No dump in the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	NIL	
4e	Number of active & alive dumps	Not Proposed	NIL	
4f	Number of dead dumps	Not Proposed	NIL	
4g	Number of dumps stabilised	Not Proposed	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NIL	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	NIL	
4j	Number of settling ponds	Not Proposed	NIL	
4k	Specific comments of inspecting officer	There is no OB, waste, mineral rejects stack/dump in the lease area observed during the inspection.		

**5.0 Solid Waste Management-Backfilling**

SN	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 Document for the Period	NIL	No O/B is proposed & generated. Hence backfilling is not feasible.
5b	Area under backfilling of mined out area		NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)		NIL	
5d	Total area fully reclaimed & rehabilitated		NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	As observed and reported during inspection top-soil present in small amount, which can be generated in due course of mining.		

**6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2).	Annual reported on PMCP is required to be submitted to this office with in stipulated.	Not submitted as No Approved Document for the Period.	
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			
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			
6d	Compliance of Rehabilitation of waste land within lease			
	i) Afforestation			
	ii) Area rehabilitated (ha)			
	iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring			

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	(core zone & buffer zone)		
	General remarks of inspecting officer on PMCP compliance & progressive	Lessee has not submitted the PMCP compliances to this office since mine is not workings due to want of EC and there is no Approved Document for the Period.	

**7.0 Mineral Conservation**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Approved Document for the Period.	Not done, in view of no Approved Document for the Period.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical			
7c	Different grade of mineral sorted out at mines			
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Presently mine is not working due to No valid mining plan & EC.		

**8.0 Environment**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Approved Document for the Period.	NA	Mine is not working from last five years due to want of EC.
8b	Concurrent use or storage of topsoil		NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)		NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)		NA	Violation issued on 29-12-2023.
8g	Survival rate		NA	Due to near river.
8h	Water sprinkling on roads to control airborne dust		NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mine was not working during inspection. The aesthetic beauty of area in & around mines are degraded old mine pits/land of irregular bench height & width due to mining activities etc.		

**9.0 Compliance of Rule 45**

S. N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to till date – Not submitted A.R. submitted up to till date- Not Submitted.		Violation of Rule 45(5)(b), 45(5)(c) issued on 29-12-2023.
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	Not submitted.	NA.	Violation of Rule 45(5)(b), 45(5)(c) issued on 29-12-2023.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale			

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	value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

*Note:- As per the letter received from the O/o Commissioner of Geology and Mining, Govt. of Gujarat dated 05/01/2024 regarding Status of Lease Validity, this mines is in the list of existing mining lease which are not lapsed under Section 4A(4) of the MMDR Act.*

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - The mine was not working from last five years. During inspection violation of Rule 11(1), 45(5)(b), 45(5)(c) for the rectification of the same within a period of 45 Days.

स्नेहलकुमार पटेल  
सहायक खनन अभियंता  
भारतीय खान ब्यूरो

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