

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	UMEDANI MUVADI 425/P
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	Mining Plan (Modification)
1(d)	Date of Inspection	23/03/2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 2.0 Ha Forest land - NIL Non Forest land – 2.0 Ha
3	Mine-code	07 GUJ 14016
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/42125/2022
5	Name of the lessee, Address, phone, email and fax number	Yogeshwar Patel, C/o Patel Jayantilal Khpatiyu Manund Paten
6	Village	UMEDA NI MUVADI
7	Taluka/Mandal	TALOD
8	District	SABAR KANTHA
9	Pin code	383215
10	State	GUJARAT
11	Post office	UMEDA NI MUVADI
12	Nearest police station	TALOD
13	Nearest Railway station	TALOD
14	Date of Grant of Mining Lease	04/03/1985
15	Date of Execution	03/09/1985
16	Date of opening of Mine	03/09/1985
17	Date of first Renewal, if applicable and its period & expiry	03/03/2005, 30 years, 02/09/2035
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	Yogeshwar Patel, C/o Patel Jayantilal Khpatiyu Manund Paten
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	JigneshKumar Patel
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No production and dispatch is reported from mine in the year 2023-24. Still mine is not in operation, therefore Mines Manager is not appointed.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No production and dispatch is reported from mine in the year 2023-24. Still mine is not in operation, therefore Mining Engineer is not appointed
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No production and dispatch is reported from mine in the year 2023-24. Still mine is not in operation, therefore Geologist and Mining Engineer is not appointed.
25	Date of Approval of Mining Plan/ Modified Mining Plan with five-year period and specific condition in approval letter, if any.	07/06/2016 (01/04/2016 to 31/03/2020) 682(23)(832)/2016-MDR (U)Udp
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	26/07/2023, (01/04/2023 to 31/03/2025) MCDR-MPCP0CaF 01/05/2023 – GNR-IBM-RO-GNR

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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)	Fully Mechanised
30	Captive/Non Captive	Non Captive

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

Exploration

SN	Item	Proposals (2023-24)	Actual work	Remarks
1a	Backlog of previous year	No Proposal	NA	-
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	(111)- 2,10,362.85 tonnes (211)- 3,03,870.38 tonnes Total: 5,14,233.23 tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.	Whole lease area explored in G1 Category		

2.0 Development

SN	Item	Proposals (2023-2024)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit 1	No development work	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No top soil and O/B	No topsoil and O/B	-
2c	Stripping ratio or ore to OB ratio	NIL	NIL	-
2d	Quantity of topsoil generation in m ³	NIL	NIL	-
2e	Quantity of overburden generation in m ³	NIL	NIL	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining operation was not carried out in the year 2023-24.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	1	No production	
3b	Quantity of ROM mineral production proposed	73748.05	No production	
3c	Recovery of saleable/usable mineral from ROM production	100%	No production	
3d	Quantity of mineral reject generation	NIL	No production	
3e	Grade of mineral reject generation and threshold value declared	NIL	No production	
3f	Quantity of sub-grade mineral generation	NIL	No production	
3g	Grade of sub-grade mineral generation	NIL	No production	
3h	Manual / Mechanised method	NIL	No production	

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	adopted for segregating from ROM			
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	No production	
3j	Provision of drilling & blasting in mineral benches	NIL	No production	
3k	Provision of mining machineries in mineral benches	Shovel 0.9m ³	No production	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	5.0 m	No production	
3m	Total area covered under excavation/pits	0.42 Ha	No production	
3n	Ore to OB ratio for the pit/mine during the year	NIL	NIL	
3o	Total area put in use under different heads at the end of year	1.06 ha.	0.72 ha.	
3p	Production of ROM mineral during last five-year period, as applicable	NIL	NIL	
3q	General remarks of inspecting officer on method of mining etc.	No production is carried out during the year 2023-24.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No topsoil & OB	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 topsoil and overburden in Mine.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	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	No Backfilling was proposed in the mining plan.		

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6.0 Progressive Mine Closure Plan

SN	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2). Details should be given in the format as given in Annexure-20.	Yes	Yes	-
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	NIL	NIL	-
6c	Afforestation done (ha)	0.02	NIL	Mine Closed
6d	No. of saplings planted during the year	25	NIL	Mine Closed
6e	Cumulative no. of plants	-	-	
6f	Any other specific method of rehabilitation	-	-	
6g	Cost incurred on watch & care during the year	-	-	
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No Proposal	NA	
6i	ii) Void filled by waste/tailings	No Proposal	NA	
6j	iii) Afforestation on the backfilled area	No Proposal	NA	
6k	iv) Rehabilitation by making water reservoir	No Proposal	NA	
6l	v) Any other specific means	No Proposal	NA	
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	No Proposal	NA	
6n	ii) Area rehabilitated (ha)	No Proposal	NA	
6o	iii) Method of rehabilitation	No Proposal	NA	
6p	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposal	NA	
6q	General remarks of inspecting officer on PMCP compliance & progressive	Nil production and Nil dispatch were reported from the Mine during the year 2023-24.		

7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal	NA	-
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	No Proposal of sorting of ROM in the mining plan.		

8.0 Environment

SN	Item	Proposals	Actual work	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	No Proposal	NA	-

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	dumps for restoring the land to its original use			
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)	-	-	-
8g	Survival rate	80%	-	No production in 2023-24
8h	Water sprinkling on roads to control airborne dust	-	-	No production in 2023-24
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Nil production and Nil dispatch were reported from the Mine during the year 2023-24.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
9a.	Status of submission of Online Monthly and Annual returns	Submitted	-
S. N.	Item	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil production and Nil dispatch were reported from the Mine during the year 2023-24.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Active Pit: 0.42 Ha. Mineral Storage: 0.24 Roads: 0.06 Ha	-
9d	Scrutiny of Annual return on afforestation	Mine is closed	A violation issued under Rule 28(1) for notice in Form E
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil production and Nil dispatch were reported from the Mine during the year 2023	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil production and Nil dispatch were reported from the Mine during the year 2023	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil production and Nil dispatch were reported from the Mine during the year 2023	-
9i	Scrutiny of Annual return on fixed assets	Nil production and Nil dispatch were reported from the Mine during the year 2023	-
9k	Scrutiny of Annual return on mining machineries	Nil production and Nil dispatch were reported from the Mine during the year 2023	-

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Violation of Rule 28 (1) and 34A(3) have been observed and violation letter was issued.

(Sunil Kumar Sharma)
Senior Assistant Controller of mines
Indian Bureau of Mine, Gandhinagar

