

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Babarkot-II Limestone Mines (14.20Ha)
1(b)	Name of Inspecting officer	Sh. Snehal Kumar Patel, AME
1(c)	Date of Inspection	02-09-2023, MCDR
1(d)	Accompanying officer	Sh. Rajendra Kr Goyal & Team
2	Total Lease Area (Ha) with breakup of Non- forest and forest land	ML Area: 14.20ha Survey Nos.: various
3	Mine code	38GUJ02017
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/441/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Ultratech Cement Limited, C Wing, Ahura Centre, Mahakali Caves Road, Andheri (E), Mumbai-400 093 022-66917800, ajit.ostwal@adityabirla.com
6	Village	Babarkot
7	Taluka/Mandal	Jafrabad
8	District	Amreli
9	Pin code	360519
10	State	Gujarat
11	Post office	Jafrabad
12	Nearest police station	Jafrabad
13	Nearest Railway station	Rajula
14	Date of Grant of Mining Lease	11.01.2017
15	Date of Execution	11.01.2017 (Expiry-10.01.1967 As per MMDR Act 2015)
16	Date of opening of Mine	02.12.2020
17	Date of first Renewal, if applicable and its period & expiry	Not applicable
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	Not applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sh. Kailash Chandra Jhanwar, MD & Nominated owner, M/s Ultratech Cement Ltd, Unit-Narmada Cement, Jafrabad Works, 365540, WEF-20.11.2020
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh. Rajendra Kr Goyal, M/s Ultratech Cement Limited, Unit- Narmada Cement, Jafrabad Works, 365540, WEF-20.11.2020
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sh. Sushant Doshi, M/s Ultratech Cement Limited, Unit-Narmada Cement, Jafrabad Works, 365540, WEF-20.11.2020
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Sushant Doshi, M/s Ultratech Cement Limited, Unit-Narmada Cement, Jafrabad Works, 365540, WEF-20.11.2020
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Sh. Yogeshwar Singh Rathore, M/s Ultratech Cement Limited, Unit-Narmada Cement, Jafrabad Works, 365540, WEF-11-10-2022
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/26/2017-GNR Dated 31.5.2017 for period 2016-17 to 2020-21.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-29626/2020-21-GNR Dated 13-01-2021 for period 2021-22 to 2025-26
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast Mining
29	Category (Fully Mechanised, Others or Manual)	A-Mechanised
30	Captive/Non Captive	Captive

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

1/25522/2024.0 Exploration

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
1a	Backlog of previous year	It was proposed to drill 08 no of borehole in plan period as earmarked.	Not done, Till date	Opening notice is submitted wef 02.12.2020
1b	Exploration over lease area for Geological axis 1 or 2.			
1c	Exploration Agency & Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2			
1e	Balance reserves (Million Tonne) as on 01.11.2020	Reserves(111)-1.50 MT, 121+122- 0.192MT & Inferred mineral resource (333)- 1.988MT as per approved RMP dated 13.01.2021.		
1f	General remarks of inspecting officer on geology, exploration etc.	NIL		

2.0 Development

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
2a	Location of development w.r.t. lease area	N20 52 52.58 E71 24 19.05	Not done, Till date	Opening notice is submitted wef 02.12.2020
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	N20 52 44.48 E71 24 22.29		
2c	Stripping ratio or ore to OB ratio			
2d	Quantity of topsoil generation in m3			
2e	Quantity of overburden generation in m3			
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc	Were doing development work at the time of inspection.		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks	
3a	Number of pits proposed for production	2021-22=36741Tonnes 2022-23=81673 Tonnes	Not done, Till date.	Opening notice is submitted wef 02.12.2020	
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				
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM				
3m	Total area covered under excavation/pits				0.24Ha (2-old pits)
3n	Ore to OB ratio for the pit/mine during year				
3o	Total area put in use under different heads at the end of year				
3p	Production of ROM mineral during last five- year period, as applicable	2018-19= 1,00,000T 2019-20= 1,00,000T 2020-21= 2,50,000T 2021-22= 36741T 2022-23= 81673T	2018-19= NIL 2019-20= NIL 2020-21= NIL 2021-22= NIL 2022-23= NIL	Opening notice is submitted wef 02.12.2020	
3q	General remarks of inspecting officer on method of mining etc.	Were doing development work at the time of inspection.			

4.0 Solid Waste Management-Dumping

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SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	OB-16668 (2022-23)	Not done, Till date	
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)			
4e	Number of active & alive dumps			
4f	Number of dead dumps			
4g	Number of dumps stabilised			
4h	Whether Retaining wall or garland drain all along dumps are there			
4i	Length of Retaining wall or garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer			

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	NIL	NIL	Opening notice is submitted wef 02.12.2020
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc.			

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	Proposed 0.25Ha & 250Plants	Not done.	Opening notice is submitted wef 02.12.2020
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 (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive			

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	Proposed	Not done, Till date	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical			

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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	NIL		

8.0 Environment

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	NA	Opening notice is submitted wef 02.12.2020
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)			
8f	Baseline information on existence of plantation & additional plantation done			
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust			
8i	General remarks of I/O on aesthetic beauty in and around mines are	NIL		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
9a	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date - Yes A.R. submitted up to till date- Yes		
S.N.	Item	Details given in A.R.(2022-23)	Observation of I/Officer / Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	mining engineer, geologist	Found in order	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Found in order	
9d	Scrutiny of Annual return on afforestation	250 no plants was proposed	Not done.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not proposed.	Found in order	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No stock reported in the AR.	Found in order	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Nil	
9i	Scrutiny of Annual return on fixed assets	Yes	Found in order	
9k	Scrutiny of Annual return on mining machineries	Non working.	NA	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Presently mine was inspected for MCDR & lessee has submitted the opening notice in form-C to this office w.e.f. 02.12.2020. During the inspection, observed the currently development work. Presently no significant violation observed & pointed out.

स्नेहलकुमार पटेल
सहायक खनन अभियंता
भारतीय खान ब्यूरो