

MCDR REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Chhapparwah Dolomite & Limestone Mines 18.01.2025 Robert Simon C
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area- 19.71 Ha Non- Forest Land – 19.71 Ha Forest Land- Nil
3	Mine code	19MPR18013
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/441/2011
5	Name of the Lessee, Address, Phone, email and fax number	Name of the lease- M/s Ultratech Cement Ltd. Unit- Birla white, Katni Add- B Wing, Ahura Centre, 2 nd Floor Mahakali caves Road Andheri (East). Email- bijayk.jaiswal@adityabirla.com Phone- 9977993109
6	Village	Chhapparwah
7	Taluka/Mandal	Badwara
8	District	Katni, M.P
9	Pin code	483773
10	State	Madhya Pradesh
11	Post Office	Katni
12	Nearest Police Station	Badwara
13	Nearest Railway Station	Vilayatkalan
14	Date of Grant of Mining Lease	23-02-1981
15	Date of Execution	08/10/2009
16	Date of opening of Mine	05-04-1984
17	Date of First Renewal, if applicable and its period & expiry	First Renewal- 11.02.2000 Period& Expiry- 23.02.2001-22.02.2021
18	Date of Second Renewal, if applicable and its period & expiry	Period & Expiry- 23.02.2021 – 31.03.2030
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Lease extended up to – 31.03.2030
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri K.C. Jhanwar Add. - B Wing, Ahura Centre, 2 nd Floor Mahakali caves Road Andheri (East). Date of appointment- 22.10.2018

21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Anjani Kumar Pandey Add. - Birla white Phase III Rahul Bag Gokuldhm, Katni M.P 483501 Email- anjani.k.pandey@adityabirla.com Phone- 9680985244 Date of appointment- 12.06.2022
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Bijay Kumar Jaiswal Add. - Birla white Phase III Rahul Bag Gokuldhm, Katni M.P 483501 Email- bijayk.jaiswal@adityabirla.com Phone- 9977400390 Date of appointment- 29-06-2011
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Prem Bhushan Verma- Mining Engineer Total experience- 16 year Date of Appointment- 31.08.2013 Add. - Birla white Phase III Rahul Bag Gokuldhm, Katni M.P 483501 Phone- 8226001373 Mail- prem.verma@adityabirla.com
24	Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Geologist - Abhijeet Bharti Total experience- 4 yr., Date of appointment- 09.02.2024 Add. - Birla white Phase III Rahul Bag Gokuldhm, Katni M.P 483501 Phone- 8306101236 Mail- abhijeet.bharti@adityabirla.com
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Mine Plan - 07/03/2023 Year- 2023-24 to 2027-28
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and approved for Mining	Dolomite & Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	“A” OTFM Category
30	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	14 Borehole	14 Borehole	
1b	Exploration over lease area for Geological axis 1 or 2.	Exploration over lease area for Geological axis G1.	Exploration over lease area for Geological axis G1.	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not Proposed	Exploration Agency- Engeotech consultancy Expenditure in Lakh Rupees- 16.00 ₹	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Area 13.10 ha already explored. Remaining area 6.61 Ha to be explore. For G1 axis.	Total- 6.61 Ha area out of 19.71 Ha is explored this year. 13.10 area is already explored.	
1e	Balance reserves as on 01.04.2024	Proposed – Limestone- 1867 MT Dolomite- 3372390MT	Limestone-2275 MT Dolomite- 3525356.36 MT	
1f	General remarks of Inspecting officer on geology, exploration etc.			

Development

S.N.	Item	Proposals	Actual Work(UTM)	Remarks
2a	Location of Development w.r.t. lease area	23°39'25.973"N 80°34'53.766"E To 23°39'35.157"N 80°35'10.270"E	2616500 N 457400 E To 2616450 N 457690 E	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in overburden proposed	Separate benches in overburden maintained	
2c	Stripping ratio or ore to OB ratio (2023-24)	1:0.16	1:0.17	
2d	Quantity of topsoil generation in m ³ (2023-24)	Nil	Nil	
2e	Quantity of overburden generation in m ³ (2023-24)	128665 m ³	25115.83 m ³	

2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	
----	--	--

Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	Pit- 2	Pit-2	
3b	Quantity of ROM mineral production proposed in tones (2023-24)	Limestone- 428 MT Dolomite- 292697.00 MT	Limestone-20.00 MT Dolomite-139730.140 MT	Less Demand from white cement plant.
3c	Recovery of Salable/usable mineral from ROM production	80%	100%	
3d	Quantity of mineral reject generation	No proposal of mineral reject	NIL	
3e	Grade of mineral reject generation and threshold value declared	NA (Dolomite consumption)	Dolomite & Limestone consumption 100% of ROM	
3f	Quantity of sub-grade mineral generation	No Mineral sub grade	No Mineral sub grade	
3g	Grade of sub-grade mineral generation	Not proposed	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	NIL	
3j	Provision of drilling & blasting in mineral benches	Drilling blasting will be done as per parameter mining plan Spacing- 2.5 m , Burden- 2.00 m and rows-3	The same parameter has been followed as per proposal. Spacing- 2.5 m , Burden- 2.00 m and rows-3	
3k	Provision of mining machineries in mineral benches	Back hoe-2, Air compressor-1, Dumper-16, & Rock drill(non-Elect.)-2	Back hoe-2, Air compressor-1, Dumper-16, & Rock drill(non-Elect.)-2	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of benches in overburden and mineral proposed 6 meter.	Height of benches in overburden and mineral benches are 6 meter.		
3m	Total area covered under excavation /pits	5.060 Hect.	4.825 Hect.		
3n	Ore to OB ratio for the pit/mine during the year	1:0.16	1:0.17		
3o	Total area put in use under different heads at the end of year	Proposal as per mining plan- Mining- 5.06 ha, Road & infrastructure- 0.070 Ha, OB/waste dump- 2.23 Ha	Mining- 4.825 ha, Road & infrastructure- 0.060 Ha, OB/waste dump- 1.230 Ha		
3p	Production of ROM mineral during last five-years period, as Applicable	Year	Proposal Dolomite & Limestone (MT)	Production Dolomite & Limestone (MT)	
		2019-20	49941 9	1000	248176.46 NIL
		2020-21	40406 9	1000	148127.06 NIL
		2021-22	38067 5	1200	158390.00 671.00
		2022-23	40498 4	1200	168158.81 1162.0 0
		2023-24	29269 7	428	139730.14 20.00
3q	General remarks of inspecting officer on method of mining etc.				

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No topsoil Available OB: generated OB will be dumped at OB dump at mine. Mineral reject: not generated	No topsoil generated OB: the OB and waste dumped in the mine Mineral reject: not generated	
4b	Location of topsoil, OB & mineral reject dumps	23°39'24.92"N 80°34'59.03"E	23°39'24.92"N 80°34'59.03"E	
4c	Number of Dumps within lease area and outside lease area	Within lease- 1 Outside lease- NIL	Within lease- 1 Outside lease- NIL	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	The OB and waste generated will be dumped at designated place.	The OB and waste generated will be dumped at designated place.	
4e	Number of Active & Alive dumps	Proposed Active dump- 1	Active dump- 1	
4f	Number of dead dumps	Not proposed	NIL	
4g	Number of dumps established	Not Proposed	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	Proposed Retaining wall-1 or garland drain - 1	Retaining wall-1 and garland drain - 1	
4i	Length of Retaining wall or garland drain all along dump	Proposed Retaining wall- 400m Garland drain- 400 m	Retaining wall- 50m Garland drain- 100 m	
4j	Number of settling ponds	NIL	NIL	
4k	Specific commends of inspecting officer on waste dump management			

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	NA	
5b	Area under backfilling of mined out area	0.1336 Ha	0.4166 Ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NA	
5d	Total area fully reclaimed & rehabilitated	Not Proposed	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc.			

Progressive Mine Closer Plan

S.N.	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	Annual PMCP report it will be submitted before 1 st day of July every year	Annual report of PMCP submitted	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not Proposed	NA	
	ii) Afforestation done (ha)	Not Proposed	NA	
	iii) No. of saplings planted during the year	Not Proposed	NA	

	iv) Cumulative no. of plants	Not Proposed	NA	
	v) Any other specific method of rehabilitation	Not Proposed	NA	
	vi) Cost incurred on watch & care during the year	Not Proposed	NA	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	Not proposed	N/A	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not Proposed	NA	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Environment monitoring for Noise, Air and Water	Environment monitoring for Noise, Air and Water Report Submitted	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral produced will be supplied to captive Putty plant of the company.	Entire ROM has been fed to own Putty plant.	
7b	Method of grade-wise mineral	Grade wise not	Grade wise not	

	sorting i.e. manual or mechanical	proposed	proposed manual sorting is done	
7c	Different grade of mineral sort out at mine	Limestone and dolomite for putty plant	Entire dolomite and Limestone is used for putty plant	
7d	Any beneficiation process at mines	Not proposed	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	No topsoil generation proposed in 2023-24	No topsoil generated	
8b	Concurrent use or storage of topsoil	No topsoil generation proposed in 2023-24	No any stack of top soil.	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not proposed	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	Not proposed	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed- saplings- 421 Area- 0.38 Ha	Total-450 saplings were planted Area- 0.40 Ha	
8g	Survival rate	60-70 %	60-65 %	
8h	Water sprinkling on roads to control airborne dust	Regular water sprinkling will be maintained to control airborne dust	Regular water sprinkling at roads, haul roads done	

8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	
----	---	--

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly Return and Annual Return of 2023-24 to be submitted.	Monthly Return and Annual Return of 2023-24 has been submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Name of the mines manager- Bijay kumar Jaiswal, Name of Mining engineer- Prem Bhushan Verna, and Name of Geologist- Abhijeet Bharti
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	Mining- 4.825 ha, Road & infrastructure- 0.060 Ha, OB/waste dump- 1.230 Ha
9d	Scrutiny of Annual return on afforestation	Given	As per the mining plan and annual return the total no of 450 saplings planted.
9e	Scrutiny of Annual return on mineral	Given	Production of dolomite- 139730.140 MT and Limestone- 20.00 Mt
	reject generation (Grade & Quantity)	Given	No any mineral reject generated during the year.
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Given	As per approved mining plan ROM was proposed for dolomite and Limestone- 293125 MT & actual production of dolomite- 139730.14MT and Limestone- 20.00 MT
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Given	sale value, -captive used, Ex. Mine price –Rs. 322.10/tonne(dolomite) production costs- Rs. 322.10/tonne(Dolomite), EX. Mine price –Rs. 303.74/tonne(Limestone) production costs- Rs.

			303.74/tonne(Limestone)
9i	Scrutiny of Annual return on Fixed assets	Given	Fixed asset as per annual return Value of Fixed assets- Rs. 11914272/-
9k	Scrutiny of Annual return on mining Machineries	Given	Back hoe-2, Air compressor-1, Dumper-16, & Rock drill(non- Elect.)- 2

Details of violation observed during current inspection and compliance position of earlier violation pointed out: No significant violation pointed out since the minor mineral dolomite production constitutes more than 99 % of the proposed ROM and the shortage is attributed to less demand.

Date: 28.01.2025

Robert Simon C

Asst. Controller of Mines