

# INDIAN BUREAU OF MINES

## --:-- Inspection Report --:--

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	BAGA BHALAG	Lease Area (Ha) :	324.479
Forest Area (Ha) :	240	Mine Code :	38HPR11004
Registration Number :	IBM/441/2011	Name of lessee :	ULTRATECH CEMENT LIMITED
Address of lessee :	B Wing, Ahura Centre, 2nd Floor ,Mahakali Caves Road, Andheri (East),	Phone of lessee :	022-66917800
Email of lessee :	Vishnu.vasu@adityabirla.com	Fax Number :	N/A
Village :	Bagha (190)	Taluka / Mandal :	Darlaghat
District :	Solan	Pincode :	400093
State :	Himachal Pradesh	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2017-07-17	Date of Mining Lease Execution :	2010-01-09
Date of opening in the mine :	Nilsss		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr Kailash Chandra Jhanwar	Nominated Owner Address:	Ultratech Cement Ltd, Ahura Centre, Andheri East
Nominated Owner Mobile :	9702474200	Nominated Owner Email :	Ajit.ostwal@adityabirla.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2019-09-04
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Shri Modi Yakin Rajeshkumar	Qualification of Mining Engineer :	BE(Mining)
Address of Mining Engineer :	Bagha Cement Works, M/S Ultratech Cement Ltd, Village-Bagha, Taluka-Arki, District -Solan, Himachal Pradesh-171102	Phone of Mining Engineer :	8989056207
Email of Mining Engineer :	Modi.rajeshkumar@adityabirla.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-04-15		
<b>Geologist Details</b>			
Name of the Geologist :	Shri Gurmeet Singh Sethi	Qualification of Geologist :	M.Sc. (Applied Geology)
Address of Geologist :	Bagha Cement Works, M/S Ultratech Cement Ltd, Village-Bagha, Taluka-Arki, District -Solan, Himachal Pradesh-171102	Phone of Geologist :	N/A
Email of Geologist :	Gurmeet.sethi@adityabirla.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2024-12-21		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Shri Kanchan Kumar	Qualification of Mine Manager :	BE(Mining)

Address of Mine Manger :	Bagha Cement Works, M/S Ultratech Cement Ltd, Village-Bagha, Taluka-Arki, District -Solan, Himachal Pradesh-171102	Phone of Mine Manger :	9404619339
Email of Mine Manger :	Kanchan.r.kumar@adityabirla.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-11-14		
Mineral(s) granted in lease and proved for mining :	LIMESTONE, SHALE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-01-10 (2024 - 2028)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	RAJESH DAS RO DEHRADUN
Designation :	DCOM
Name of the Accompanying Official from Mine :	Shri Kanchan Kumar
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR, STR
Date of Inspection :	20/11/2025
Review year considered for MCDR Inspection :	2024-2025

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**2.2.1 : Exploration Details**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of Core Boreholes	15 nos bore holes	10 nos bore holes	5.000	Rule 11(1)
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	232.86	Broadly as per proposal	Nil	No Violation
Remark: Balance lease area no exploration done. Remark File: NIL					

6	Lateral exploration status for the lease area-G2	0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP  Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	As on 01.04.2024 LIMESTONE - Total Reserve 383,165,356.00 , Total Resource 436709645.00 shale - Total Reserve 25242626.20 , Total Resource 16764268.40	After depletion in 2024-25, Limestone Reserves-380,261,241.00	Nil	No Violation
Remark: NIL Remark File: NIL					

**2.3.1 : Development - Opencast Details**

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Location of development w.r.t. lease area	Pit : Bhalag-Limestone & Direction : SW, Pit : Bhalag-Limestone & Direction : N, Pit : Bhalag-Limestone & Direction : N, Pit : Bhalag-Limestone & Direction : NW, Pit : Bhalag-Limestone & Direction : NW, Pit : Bhalag-Limestone & Direction : NW, Pit : Bhalag-Limestone & Direction : NE, Pit : Bhalag-Limestone & Direction : NE, Pit : Baga-Limestone & Direction : S, Pit : Baga-Shale & Direction : S, Pit : Baga-Shale & Direction : S, Pit : Baga-Shale & Direction : S	Broadly as per proposal	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of overburden generation in m3	0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	NA	NA	Nil	No Violation

Remark: NIL  
 Remark File: NIL

#### 2.4.1 Exploitation - Opencast Mine Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of pits / Blocks proposed for production	2 pits	2 pits	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	Total ROM-5225000.00 tons 4.725005 million tons(Limestone), 0.499994 million tons(Shale)	LS: 2.904 million tons Shale:0.405 million tons	Limestone production is only 61% of the proposal.	Rule 11(1)
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	5.225000 million tons	3.309 million tons	1.916 million tons	Rule 11(1)
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					

5	Grade of mineral reject/sub-grade generation as per threshold value declared	NA	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	NA	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	The height of benches in mineral are suitable.	Broadly as per proposal.	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	Nil	No Violation
Remark: No beneficiation done with in lease area except crushing and screening. Remark File: NIL					

### 2.4.3 : Exploitation - Dump Working Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio
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					n under Rule
1	Number of dumps proposed for production	Not proposed	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	Not proposed	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	NA	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	NA	NA	Nil	No Violation
Remark: NIL					

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Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Not proposed	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	Not proposed	NA	Nil	No Violation
Remark: NIL Remark File: NIL					

### 2.5.1 : OB/Waste Dumps Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Not proposed	Nil	Nil	No Violation
Remark: No generation of OB, top soil, tailing, mineral reject. Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	NA	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of active &	Not proposed	NA	Nil	No

	Inative dumps				Violatio n
Remark: NIL Remark File: NIL					
4	Number of dead dumps	Not proposed	NA	Nil	No Violatio n
Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilished	Not proposed	NA	Nil	No Violatio n
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not proposed	NA	Nil	No Violatio n
Remark: NIL Remark File: NIL					

### 2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio n under Rule
1	Status on part or full extraction of mineral from mined out area	0.00	Nil	Nil	No Violatio n

	before starting backfilling				
Remark: Area not matured for backfilling Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :0.00 Utilized :0.00 Stored :0.00	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	0.000	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	NA	NA	Nil	No Violation
Remark: NIL Remark File: NIL					

**2.7.1 : Progressive Mine Closure Plan (PMCP) Details**

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Compliance on reclamation and rehabilitation by backfilling/Other means  Total area and numbers of plantation proposed.	Plantation : Location :Non Mineralised area, Area : 1, No. of Plant : 2500	3110 saplings planted	Nil	No Violation
Remark: Afforestation done in 1.006 ha. area by planting 3110 nos saplings. Remark File: NIL					
2	Rehabilitation by making water reservoir	NA	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Plantation : Location :Non Mineralised area, Area : 1, No. of Plant : 2500	Afforestation done in 1.006 ha. area by planting 3110 nos saplings.	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	As per CPCB guidelines and for ground vibration as per DGMS guidelines.	Broadly as per proposal.	Nil	No Violation
Remark: NIL Remark File: NIL					

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**2.8.1 : Mineral Conservation Details**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	ROM Mineral dispatch or grade-wise sorting within lease area	Direct dispatch to Cement Plant after crushing.	As per proposal	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Different grade of mineral sorted out at mines	Not proposed	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	Not proposed	NA	Nil	No Violation
Remark: No beneficiation except primary crushing (feed size - 800 mm and product size -45 mm) and direct dispatch to Cement plant by belt conveyor. Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending is done with different grade to get desire grade.	As per proposal.	Nil	No Violation
Remark: NIL Remark File: NIL					

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### 2.9.1 : Environment Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate removal and utilization of topsoil	Not Proposed	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Plantation : 2500, Survival Rate : 65	Plantation : 3110, Survival Rate : 60	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	For dust suppression Water sprinkling on roads and through sprinkler in crusher hopper proposed.	As per proposal water tanker 10000 litre capacity used for dust suppression on roads.	Nil	No Violation

Remark: NIL  
Remark File: NIL

### 2.10 : Annual Return Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Submission of Online Monthly and Annual returns in prescribed period or not	Last Annual Returns :2024-25 submitted, Last Monthly Returns : Yes - October 2025 - Submitted on : 2025-11-07	As per Rule 45 submitted.	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Yes information furnished in AR 2024-25	Mining Engineer: Shri Modi Yakin Rajeshkumar,D.O.A.-15.04.2024 Geologist : Gurmeet Singh Sethi & Date of Appointment : 2024-12-21	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	incomplete or false or wrong returns submitted (Rule 45(7))	As the mine is captive mine but still the Ex-mine price of Limestone: Rs 170.03/- Shale: Rs143.63/- and Cost of production: Rs 228.01/-. In addition in part-VII proposed production for 2024-25 is mentioned as Nil.	As the mine is captive mine but still the Ex-mine price of Limestone: Rs 170.03/- Shale: Rs143.63/- and Cost of production: Rs 228.01/-. In addition in part-VII proposed production for 2024-25 is mentioned as Nil.	Rule 45(7)
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	Nil	No Violation
Remark: NIL					

Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	yes	Yes	Nil	No Violation
Remark: As per statutory provisions monthly and annual return submitted and recently the appointment of Mines Manager submitted. Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Yes given	Ex-mine price of Limestone: Rs 170.03/- Shale: Rs143.63/- Cost of production: Rs 228.01/-	The mine is captive mine but still the ex-mine price & cost of production is different.	Rule 45(7)
Remark: NIL Remark File: NIL					

### 2.11 : SDF Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Start Ratings accorded for mine during last 3 years	Year of Submission : 2023-2024 , Rating : 5 Stars	2023-24 Final rating 5 star & 2024-25 self appraisal also 5 star	Nil	No Violation
Remark: NIL Remark File: NIL					

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### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	NIL	Nil

### Part-IV : Summary Details

#### 4.1 : Summary of Violations

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Exploration : Number of Core Boreholes	15 nos bore holes	10 nos bore holes	5.000	Rule 11(1)
Remark: NIL Remark File: NIL					
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	Total ROM-5225000.00 tons 4.725005 million tons(Limestone), 0.499994 million tons(Shale)	LS: 2.904 million tons Shale:0.405 million tons	Limestone production is only 61% of the proposal.	Rule 11(1)
Remark: NIL Remark File: NIL					

3	Exploitation - Opencast Mine : Recovery of salable/usable mineral quantity from ROM production in T)	5.225000 million tons	3.309 million tons	1.916 million tons	Rule 11(1)
Remark: NIL Remark File: NIL					
4	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	incomplete or false or wrong returns submitted (Rule 45(7))	As the mine is captive mine but still the Ex-mine price of Limestone: Rs 170.03/- Shale: Rs143.63/- and Cost of production: Rs 228.01/-. In addition in part-VII proposed production for 2024-25 is mentioned as Nil.	As the mine is captive mine but still the Ex-mine price of Limestone: Rs 170.03/- Shale: Rs143.63/- and Cost of production: Rs 228.01/-. In addition in part-VII proposed production for 2024-25 is mentioned as Nil.	Rule 45(7)
Remark: NIL Remark File: NIL					
5	Annual Return : Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Yes given	Ex-mine price of Limestone: Rs 170.03/- Shale: Rs143.63/- Cost of production: Rs 228.01/-	The mine is captive mine but still the ex-mine price & cost of production is different.	Rule 45(7)
Remark: NIL Remark File: NIL					

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Esigned by: RAJESH DAS RO DEHRADUN  
Date: 04/12/2025 12:39:35 PM