

UTCL/ENV/MUM/2025/122

To,
The Member Secretary (Non-Coal Mining),
Ministry of Environment, Forest & Climate Change,
Govt. of India, Indira Paryavaran Bhavan,
Jorbag Road, Aliganj, New Delhi – 110003

Subject: Environmental Clearance of Baranda Laterite Mine (ML Area: 400.00 ha), Expansion in Production Capacity from 36,000 TPA to 2,50,000 TPA located near Village Baranda, Taluka Lakhpat, District

Kachchh (Gujarat) of UltraTech Cement Limited (Unit-Sewagram Cement Works) **reg. Submission of**

Date: 25.09.2025

ADS Reply.

Ref: 1. MoEFCC File No - J-11015/19/2015-IA.II (M) & Proposal No IA/GJ/MIN/26384/2015

2. Minutes of 1st EAC (Non-Coal Mining) held on 23.01.2019

3. MoEFCC Letter dated 28.11.2022

Respected Sir,

With reference to the aforesaid subject and above stated reference; we would like to inform your good self that the said proposal was Re-considered for Environment Clearance by EAC in its 1st EAC meeting held during 22nd – 23rd January, 2019 and project was recommended for EC as per MoM uploaded on PARIVESH. (Copy enclosed as *Annexure I*) Subsequently, Additional Details was sought by MoEFCC on 28.11.2022.

As per Letter from MoEFCC Dated 28.11.2022; "The matter has been examined in the Ministry, and it is to informed that the DSR submitted by the project proponent is not approved by State Environment Impact Assessment Authority (SEIAA). The Hon'ble NGT vide its order dated 29/9/2022 in OA No. 34 of 2022 titled Subhash Bhai Ishwar Bhai Parmar vs State of Gujarat & Ors. observed that they would like to follow the principle laid down by the Hon'ble Supreme Court in order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 titled State of Bihar v/s Pawan Kumar. The above-referred order of Hon'ble Supreme Court mandates submission of DSR to State Expert Appraisal Committee (SEAC) for examination and evaluation and State Environment Impact Assessment Authority (SEIAA) for approval. Further, it is requested to submit the closure report of the Baranda Laterite mine with regard to the submitted Certified Compliance Report. The project proponent is also requested to inform the Ministry if any court cases are pending in any court of law".

In compliance of ADS issued on 28.11.2022, we are herewith submitting following information:

- 1. District Survey report duly approved by SEIAA, Gujarat (**Due to size constraint, DSR can be downloaded using link**: https://drive.google.com/file/d/1jdnSVhC1v-8AP3uKZgH_281ICYfUu6Md/view)
- 2. Certified Compliance of EC Conditions by RO, MoEFCC dated 09th May as Annexure 1.

Therefore; we would like to humbly request your good self to kindly grant us Environment Clearance at the earliest.

Thanks & Regards

For UltraTech Cement Limited. (Unit- Sewagram Cement Works)

Dr. K. V. Reddy

Joint President & Corporate Head (Env)

Encl: As above



T: +91 22 6691 7800 | CIN: L26940MH2000PLC1287420

J-11/28/2025-ROGNR I/109833/2025

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GOVERNMENT OF INDIA

भारत सरकार

MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

Regional Office, Gandhinagar /क्षेत्रीय कार्यालय, गांधीनगर



"कर्मयोगी भवन" ब्लॉक-3, एफ-2 विंग, 5वीं मंजिल, सीएच-3 सर्कल के पास, सेक्टर-10ए, गांधीनगर-382010, "KARMAYOGI BHAWAN" Block -3, F-2 Wing, 5th Floor, Near CH-3 Circle, Sector-10A, Gandhinagar-382010, Ph No 079-29613951; Email: iro.gandhingr-mefcc@gov.in Dated:09th May, 2025

To

The Director/ Scientist 'F'

Compliance and Monitoring Division,

Ministry of Environment, Forest and Climate change,

Indira Paryavaran Bhawan, Jorbagh Road, New Delhi-110003

Subject: Certified Compliance to M/s. UltraTech Cement Limited (Baranda Laterite Mine), Post: Vayor, Taluka, District: Bhuj, Gujarat -reg.

Ref: MoEFCC, New Delhi, Letter. No. EC Letter No J-11015/889/2007-IA.II(M) dated 22.02.2011.

मैडम / सर,

उद्धृत विषय के संदर्भ में, यह आपके ध्यान में लाया जाता है कि प्रमाणित अनुपालन रिपोर्ट जारी करने के उद्देश्य से अधोहस्ताक्षरी द्वारा 21st March, 2025 को पूर्वोक्त परियोजना का निरीक्षण किया गया था।

- 2. तदनुसार, टिप्पणियों के साथ एक विस्तृत निगरानी रिपोर्ट (प्रतिलिपि संलग्न) अवलोकन और आगे की उचित कार्रवाई के लिए इसके साथ संलग्न की जा रही है।
- 3. इसे सक्षम प्राधिकारी से अनुमोदन प्राप्त है।

सादर

(डॉ. योगेश कुमार) उप निदेशक (एस) / वैज्ञानिक- 'सी' RO गांधीनगर, MoEFCC

Copy to: -

- 1. The Member Secretary, SEIAA Gujarat, Sector 10A, Gandhinagar (msseiaagj@gmail.com).
- 2. Vice President, M/s. UltraTech Cement Limited (Baranda Laterite Mine), Post: Vayor, Taluka, District: Bhuj, Gujarat (gaurav.taluja@adityabirla.com).

Digitally signed by Yogesh Kumar Date: 09-05-2025

16:20:16

Monitoring the Implementation of Environmental safeguards Ministry of Environment, Forest & Climate Change Regional Office, Gandhinagar Monitoring Report PART – 1

DATA SHEET

Sr. No.	Particulars	Reply
1.	Project type: River Valley/Mining/ Industry/Nuclear/Other (Specify)	Mining
2.	Name of the Project	Baranda Laterite Mine
3.	Clearance letter(s) OM no and date	J-11015/889/2007-IA.II(M) dated 22.02.2011 Transfer from M/s Jaypee Gujarat Cement Plant to M/s UltraTech Cement Limited dated 24.02.2016
4.	Location	
	a) District(s)	Kachchh- Bhuj
	b) State(s)	Gujarat
	c) Latitude / Longitude	Latitude - 23° 31' 42.20" N to 23° 32' 42.40" N Longitude - 68° 39' 12.60" E to 68° 41' 47.81" E
5.	Address for correspondence	
	a) Address of Concerned Project Chief Engineer (with Pin Code & Telephone / Telex / Fax No.)	Mr. Gaurav Taluja, Senior Vice President, M/s UltraTech Cement Limited, Post: Vayor, Taluka, District: Bhuj- Kachchh Pin Code: 370511 (Gujarat) Mobile: +91 9165511028 e-mail: gaurav.taluja@adityabirla.com
	b) Address of Executive Project Engineer / Manager (with Pin Code / Fax No.)	Mr. Dinakar Patil, General Manager, M/s UltraTech Cement Limited, Post: Vayor, Taluka, District: Bhuj- Kachchh Pin Code: 370511 (Gujarat) Mobile: +91 8347919393 e-mail: dinakar.patil@adityabirla.com
6.	Salient Features	
	a) Of the Project	 Salient Feature of the Project: The Baranda Laterite Mine over an extent of 400.00 hectares is situated in villages-Baranda, Tal- Lakhpat, Dist- Kachchh-Bhuj, State- Gujarat The entire lease area is of govt. waste land land.

Sr. No.	Particulars	Reply
		 The mining lease area comprises mostly of low height mounds with corresponding gently sloping flat ground. The elevation varies from 86 to 70mRL. The area consists of weathered trap rocks, derivative of the trap rocks like, lateritic, Lithomarge, nummulitic limestone and lateritic soil. The laterite formation within the M.L. Area occurs as E-W trending long out crop on top of the mounds. Laterite occurs as a product of in-situ alteration of trap rocks. No CRZ or forest area or grazing lands are part of Mining lease No river, perennial nallaha or natural water course exists in and around the mining lease area. The mineral laterite is being mined from the mining lease and use for captive consumption in cement plant of Sewagram Cement Works. Present, annual production Capacity – 36,000 TPA The mine working is carried out through environment friendly non - conventional open cast method of mining involving Excavator/ wheel loader and tipper combination without drilling and blasting. No electrically operated equipment is used in mine. The mines started from 2013-14 onwards.
		Mines Production Data (MT) 2021-22 2022-23 2023-24 2024-25(up to Feb)
		18899 14258 14303 21359
	b) Of the environmental management plan	 Salient Features of the Environment Management Plan: To control air pollution, regular water spraying on loading area, haul roads are being done. No Top Soil & overburden exist in the mine. Around 7790 saplings in 2.5 Ha. area planted within the mining lease. No waste water discharge from mine. The Rain water harvesting done at bottom of pits and used for ground water recharge and plantation purpose. Bunds are provided around mine pits.

Sr. No.	Particulars	Reply
		 Regular environment Air, water, noise monitoring is carried out by NABL Accredited Lab data of the same is being submitted regularly to concerned authorities. Environmental management cell has been established under the control of senior executives; having suitable qualified personnel.
7.	Break up of the project area	
	a) Submergence area: Forest & Non forest	Total Mining Lease Area — 400 Ha, out of which 20.51 hectares used for mining and 377.01 hectares is undisturbed.
	b) Others	Nil
8.	Break up of the project affected population with enumeration of those losing houses / dwelling units only agricultural land, both dwelling units & agricultural land & landless laborers / artisan	Out of 400 ha, 397 ha is government waste land and 3 ha. is road, powerline & tanks. No Forest land is involved. government waste land. No project affected persons/ dwelling unit, agriculture land or both.
	a) SC, ST / Adivasis	
	b) Others	
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)	
9.	Financial details	
	a) Project cost as originally planned and subsequent revised estimates and the year of price reference	Project Cost is 2.0 crores.
	b) Allocation made for environmental management plans with item wise and year wise break – up	

Sr. No.	Particulars	Reply		
		Allocation Expenses in 2024-25 Baranda Laterite Mine (M.L. Area 400 ha)		
		Description	INR	
		Environment Monitoring Expenses	493000	
		Greenbelt & Plantation development expenses	300000	
		Water Tanker dedusting as well as greenbelt/plantation expenses	1050000	
		Total (INR)	18,43,000	
	c) Benefit cost ratio / Internal rate of Return and the year of assessment	Being a Captive Mines, it is not appl	icable.	
	d) Whether (c) includes the cost of environmental management as shown in the above	Not Applicable		
	e) Actual expenditure incurred on the project so far	Capital Expenditure is 2.0 crores and recurr expenditure is around 19 lacs/year		
	f) Actual expenditure incurred on the			
	environmental management plans so far	Environment Management Expense	es (FY 24-25)	
		Baranda Laterite Mine (M.L. Ar	ea 400 ha)	
		Description	INR	
		Environment Monitoring Expenses	493000	
		Greenbelt & Plantation development	384000	
		expenses	304000	
		Water Tanker dedusting as well as greenbelt/plantation expenses	1056800	
		Total (INR)	19,33,800/-	
		2000 (22.22)	13,00,000	
10	Forest Land requirement a) The status of approval for diversion of forest land for non – forestry use	No Forest Land within lease area		
	b) The status of clearing felling			
	c) The status of compensatory afforestation, if any			
	d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far			
11	The status of clear felling in non – forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	Not Any		
12.	Status of construction			
	a) Date of commencement (Actual and / or planned)	14.10.2013 (Date of Mines O	pening)	
	b) Date of completion (Actual and / or planned)			

Sr. No.	Particulars	Reply
13.	Reasons for the delay if the project is yet to start	
14.	Date of site visits	
	a) The dates on which the project was monitored by the regional office on previous occasions, if any	
	b) Date of site visit for this monitoring report	March 21, 2025
15.	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits	Last Six-Monthly Compliance Submitted on: 28.11.2022, 28.05.2024, 01.12.2024 Request letter for EC Compliance certification received on 13.02.2025 vide mail and letter No. UTCL/SCW/1.05/2024/1749
	(The first monitoring report may contain the details of all the letters issued so far, that the later reports may cover only the letters issued subsequently.)	

PART II: STATUS OF COMPLIANCE &

PART-III:

DESCRIPTIVE REPORT ON STATUS OF COMPLIANCE TO CONDITIONS OF ENVIRONMENTAL CLEARANCE AND ENVIRONMENT MANAGEMENT

Compliance status of Environmental Clearance issued by MoEF&CC, New Delhi (I. A. division) vide F. No. J-11015/889/2007-IA. II (M); Dated: 22nd February 2011 & 22nd August 2014

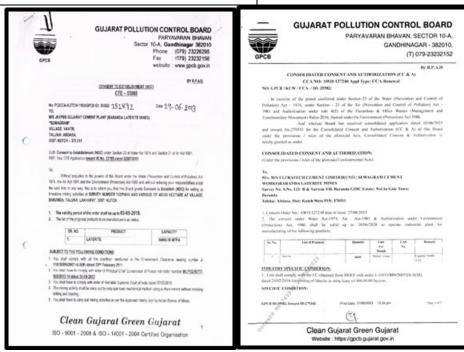
(Details of the project: Environment Clearance (EC) for Baranda Laterite Mining Project (M.L Area: 400 ha) Laterite Production Capacity 36,000 TPA by M/s. UltraTech Cement Limited (Unit: Sewagram Cement Works) located at Village: Baranda, Tehsil: Lakhpat, District: Kutch, State: Gujarat, India.)

Sr. No.	EC Conditions	Compliance Status
A.	Specific Conditions	
(i)	The project proponent shall obtain consent to Establish and consent to operate from the Gujarat State Pollution Control Board and effectively implement all the conditions stipulated therein.	As per the records furnished during the site visit it was observed that unit has obtained Consent to Establish (CTE) vide letter no. PC/CCA-KUTCH-1165/GPCB ID: 35582/151892 dated 29.06.2013. The unit has also obtained consent to operate vide GPCB Order No. AWH-127240 was issued on 27.06.2023, which is valid up to 30.06. 2028. Further, the project proponent has assured that unit is complying with the specific condition as well as conditions mentioned under air, water and hazardous waste management by adhering to all the stipulations made by Gujarat Pollution Control Board, State Government and any statutory authority, ensuring regulatory compliance and environmental responsibility. The copy of obtained consent to establish and consent to operate from the Gujarat State Pollution Control Board is given below:

Sr. No.

EC Conditions

Compliance Status



To ensure continuous compliance, the unit has implemented measures to adhere to all stipulated conditions. Regular internal audits, environmental monitoring, and proactive engagement with regulatory authorities are undertaken to maintain compliance and address any evolving requirements.

Requisite prior clearance from the Standing (ii) Committee of the National Board for Wildlife shall be obtained due to location of the project in the buffer zone of the Narayan Sarovar Wildlife Sanctuary, before starting any activity relating to the project at site. All the conditions stipulated by the Standing Committee of the National Board for Wildlife shall be effectively implemented in the project. It shall be noted that this clearance does not necessarily implies that wildlife clearance shall be granted to the project and that your proposed for wildlife clearance considered by the competent authorities on its merit and decision taken. The investment made in the project, if any based on environmental clearance granted to the project, in anticipation of the clearance from wildlife clearance shall be entirely at the cost and risk of the project proponent and MOEF shall not be responsible in this regard in any manner.

Complied.

During the site visit it was informed that requisite prior clearance from the Standing Committee of the National Board for Wildlife Clearance was obtained under Wildlife (Protection) Act-1972, Vide Letter No. WLP/32/B/797/800 dated 30.04.2013. All the conditions stipulated at same are effectively implemented in the project. Mining commenced on 24.10.2013, after obtaining clearance under Wildlife (Protection) Act-1972.

The copy of National Board for Wildlife Clearance is given below:

Sr. No.	EC Conditions	Compliance Status
	New WLP/32/IN 7*77*********************************	 The study / report of environment or according to situation to any conditions are added by the office of Chief Wildlife Warden must be binding to the party and they have to follow the terms and condition singulated by the authority. In future if any act or rule declared for environment / forests and or conservation of Wildlife. Then it must be followed by the party. Party should implement plantation and Wildlife related conditions in co – ordination and supervision of concerned Deputy Conservator of Forests. The copies of the Forestation plan. Green Belt Plan: Wildlife Conservation Plan etc. must be submitted to the local Deputy Conservator of Forests. Chief Conservator of Forests and Chief Wildlife Warden by the party. The badge for environmental protection and conservation must be kept in separate accounts as well budget for Wildlife management and conservation must be in separate accounts as well budget for Wildlife management and conservation for Statistics and Chief Conservator of Forests and Chief Wildlife Warden. The local Deputy Conservator of Forests, Conservator of Forests and Chief Wildlife Warden. The local Deputy Conservator of Forests will monitor the progress related to Wildlife conservation activities as per Wildlife Conservation Plan Oct-2012 Rs.31.20 Lakh (Copy enclosed) and party will submit report to the Dy. Conservator of Forests and Chief Wildlife Warden. Every six months (September and March ended.) For the use of the forest land, approval under the forest conservation act 1980 will be obtained. The Chief Wildlife Warden or any officer authorized or working under him may monitor the compliance of conditions mentioned above and any non-compliance partly or wholly, may lead to cancellation of the permission. The Chief Conservator of Forests. Kutch West Division, Bhuj. Copy forwarded for information and necessary action to: <l< td=""></l<>
(iii)	The environmental clearance is subject to the final order of the Hon'ble supreme court of India in the matter, as may be applicable to this project.	Noted.
(iv)	Environmental clearance is subject to final order of the Hon'ble supreme court of India in the matter of Goa Foundation Vs. Union of India in Writ petition (civil) No. 460 of 2004, as may be applicable to this project.	Not Applicable. During the site visit it was informed that the lease boundary of this mines is not located at any ESZ neither any Forest Land nor CRZ land is involved in mining lease area. Therefore, this condition is deemed Not Applicable to the project.
(v)	Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project.	Complied. As per the records furnished during the site visit it was observed that the Clearance has been obtained under Wildlife (Protection) Act-1972, Vide Letter No. WLP/32/B/797/800 dated 30.04.2013. Furthermore, compliance with the stipulated conditions is being consistently monitored and reported to the relevant authorities on a six-monthly basis. The most recent compliance report was submitted on 29.11.2024, and a copy was provided for verification. Securing wildlife clearance is a critical step in ensuring biodiversity conservation while enabling industrial development. The project's proactive approach in obtaining necessary approvals and maintaining regular reporting demonstrates a

Sr. No.	EC Conditions	Compliance Status
110.		commitment to legal compliance and environmental stewardship.
		To further strengthen compliance and ecological responsibility, implementing habitat restoration or wildlife conservation initiatives beyond the stipulated requirements can enhance ecological balance in the region. Conducting periodic independent biodiversity assessments to evaluate the impact of project activities on local wildlife can provide insights for adaptive management.
		Engaging with State Forest Department to develop collaborative conservation programs can further improve the overall environmental sustainability of the project. By integrating these proactive strategies, the project can solidify its commitment to wildlife protection while ensuring sustainable industrial operations.
(vi)	The project proponent shall ensure that no working shall be carried out in any part of the mine lease, which falls within 2.5 km of the Narayan Sarovar Sanctuary.	Agreed to comply by project proponent. The project proponent has assured compliance with the stipulated condition by refraining from conducting any mining activities within 2.5 km of the Narayan Sarovar Wildlife Sanctuary. As per the records furnished during the visit, the current active mining area is located approximately 5–6 km away from the sanctuary, demonstrating adherence to the prescribed buffer zone restrictions.
(vii)	The mining operations shall be restricted to above ground water table and it should not intersect ground water table. In case of working below ground water table, prior approval of the MOEF and Central Ground Water Authority shall be obtained for which a detailed hydro-geological study shall be carried out also considering the aspect of salinity ingress, if any.	Complied. The project proponent has ensured that mining activities are conducted above the groundwater table, maintaining a depth of 1–2 meters from the surface without intersecting groundwater. As per records reviewed during the site visit, groundwater levels in the area range between 13–20 meters below ground level (bgl), confirming adherence to stipulated conditions. It was seen that only a small area opened up for mineral extraction.
(viii)	The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations.	Agreed to comply by project proponent.

Sr. No.	EC Conditions	Compliance Status		
	Necessary safeguard measures to project the first order streams originating from the mine lease shall be taken.	The Project Proponent has assured that no natural water course is obstructed due to mining operations.		
		No such water course was seen during site inspection.		
(ix)	The top soil, if any shall temporarily be stored at earmarked site (s) only and it should be kept unutilized for a period more than 3 years. The topsoil should be used for land reclamation and plantation.	During the site visit it was observed that materia		
(x)	There shall be no external over burden dump. The void, if any left unfilled shall be converted into water body. The higher benches of excavated void/mining pit shall be terraced and plantation done to stabilize the slopes. The slope of higher benches shall be made gentler for accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the MOEF and its regional office located at Bhopal on six monthly bases.	During the site visit it was observed that no overburden is generated; hence, no external overburden dumping is required. Excavated mining pits are utilized for water storage during the rainy season. The higher benches of the excavated mining pit have been terraced, and plantation activities have been undertaken to stabilize the slopes as mining operations progress. Peripheral fencing has been installed along the excavated area to ensure safety. The project proponent has confirmed that sixmonthly compliance reports are regularly submitted, with the most recent report for the period October 2023 to March 2024 submitted on 28.05.2024 via letter no. UTCL/SCW/1.05/1093 through email. A copy of the report is submitted.		

Sr. No.

EC Conditions

Compliance Status





Peripheral Fencing at Mines Area

Six monthly EC compliance letter

Catch drains and siltation ponds of appropriate (xi) size should be constructed for the working pit to arrest flow of silt and sediment. The water so collects should be utilized for watering the mine area, roads, green belt development etc. the drains should be regularly desilted particularly after monsoon and maintained properly. Garland drain (size, gradient and length) shall be constructed for mine pit and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper setting of silt material. Sedimentation pits should be constructed at the corners of the garland and drains and desilted at regular intervals.

Being Complied.

During the site visit it was observed that there are no overburden dumps, topsoil, or mineral/subgrade dumps within the lease area, therefore catch drains and siltation ponds are being developed progressively alongside mining operations.

Rainwater collected in the mining pits will be utilized for dust suppression, road watering, and green belt development. The project proponent also clarified that since there are no overburden dumps, topsoil, or mineral/sub-grade dumps within the lease area, garland drains have not been constructed.

(xii) Plantation shall be raised in an area of 16.5 ha including a 7.5 m wide green belt in the safety zone around the mining lease, benches of the excavated pit, around worked out pit, roads etc. by planting the native species in consultation with the local DFO/ agriculture department. The density of the trees should be around 1600 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.

Being Complied.

During the site visit it was observed that Greenbelt has been developed in mining lease area all along the road. The growth are redundant due to topography and soil conditions. Further, it was informed that it is an ongoing activity & 7.5 m wide green belt along the safety zone will be continued as mining progress. They have experienced & Qualified in-house expertise for Horticulture, for

Sr.	EC Conditions	Compliance Status
No.	De continuons	plantation of native species. Local plant species are being purchased from Forest Department.
		Greenbelt development is progressing as per compliance, with plantations along roads and the safety zone.
		The PP should develop and submit an action plan for green belt strengthening and development.
	Equation around Plantation Area	
	Fencing around Plantation Area	Plantation Area
(xiii)	The plantation schedule shall be so worked out that the plantation towards the sanctuary side will be taken up forthwith in the first phase.	During the site visit it was informed that plantati program towards the sanctuary side has be initiated in the first phase, with approximately 2 saplings planted in FY 2024-25. The speciselected are native to the region, and procurement has been carried out in coordination with the Ford Department. The project proponent has assured that plantati activities will continue as part of progression.
		reclamation efforts. Detailed records of plantation activities, including species selection, survival rate, and maintenance measures, have been documented.
		Soil enrichment techniques such as organic mulching and bio-fertilizers, along with efficient watering strategies like drip irrigation or rainwater harvesting, can improve plant health. Incorporating diverse native and biodiversity-supporting species that attract pollinators and support local fauna will strengthen the ecological integrity of the greenbelt. A phased expansion of plantation efforts beyond

Sr. No.	EC Conditions	Compliance Status
		the mandated area can further stabilize the mining landscape and enhance carbon sequestration.
(xiv)	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	During the site visit it was informed that effective air pollution control measures are in place to ensure compliance with ambient air quality standards. Mining operations employ eco-friendly excavation methods, eliminating drilling and blasting to minimize dust generation. Water sprinkling is carried out through tankers on haul roads to suppress airborne dust. It is advised to increase the green cover along the lease boundary to trap the dust emissions. Additionally, regular ambient air quality monitoring is carried out by an NABL-accredited third party to ensure pollutant concentrations (PM2.5, PM10, SO ₂ , and NO ₂) remain within the prescribed limits.
(xv)	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the regional director, central ground water board.	Complied. During the site visit it was informed that has adopted groundwater conservation measures by utilizing mined-out pits for rainwater storage, facilitating natural percolation for groundwater recharge. Additionally, pond deepening initiatives in nearby villages under the CSR program contribute to enhancing local water availability. Constructing artificial recharge structures such as check dams, recharge shafts, or percolation wells in consultation with the Central Ground Water Board can optimize water infiltration. Conducting periodic hydrogeological studies will ensure recharge measures align with groundwater flow dynamics and local hydrological conditions. Engaging local stakeholders in community-based water conservation initiatives can improve the effectiveness of recharge programs. Additionally, establishing a long-term monitoring framework to track groundwater levels and quality will facilitate adaptive management. By integrating these strategies, the project can reinforce its

Sr. No.	EC Conditions	Compliance Status		
				sustainable groundwater long-term water resource



Water Conservation Measure: Construction of Earthen dam to prevent intrusion of sea water into the fresh water pond.



Water Conservation Measure: Pond Deepening activity to harvest more water for village people.

Regular monitoring of ground water level and (xvi) quality shall be carried out within the mine lease and in the surrounding area (up to 5 km of the mine lease) by establishing a network of groundwater monitoring stations (existing wells and installing new piezometers) during the mining operation in consultation with Central Groundwater Authority/ ground water board and ground water table shall be monitored and records maintained. The periodic monitoring shall be carried out in consultation with the State Groundwater Board/ Central Groundwater Board Authority and the data thus collected may be sent regularly to the MOEF and its Regional Office Bhopal, the Central Groundwater Authority and the Regional Director, Central Groundwater Board. If at any stage, it is observed that Groundwater table is getting depleted and salinity ingress in Groundwater Board is observed

Complied.

As per the records furnished during the site visit it was observed that a detailed hydrogeological study had been conducted, leading to the establishment of a groundwater monitoring network. A total of 12 piezometers have been installed, strategically covering both the core and buffer zones of the mining area.

Water samples are periodically collected and analyzed by an accredited third party as per the defined monitoring frequency. The monitoring data is regularly submitted to the Ministry of Environment, Forest and Climate Change (MOEF&CC), its Regional Office in Bhopal, the Central Groundwater Board, and other relevant authorities. The latest monitoring report was submitted on 10.03.2025.

Sr. No.	EC Conditions	Compliance Status
	due to the mining activity, necessary corrective	
	safeguard measures shall be taken in consultation	
	with the Central Groundwater Authority.	

Photograph of Piezometer well monitoring is given below:



To further strengthen groundwater monitoring and management, the project can integrate advanced measures such as real-time telemetry-based piezometers for continuous tracking of groundwater levels and quality, enabling timely interventions. Long-term data analysis using predictive hydrological models can help anticipate groundwater fluctuations and implement corrective measures proactively.

(xvii) The project proponent shall practice suitable rainwater harvesting measures on long term basis and work out a detailed scheme for rainwater harvesting in consultation with the Central Groundwater Authority and submit a copy of the same to the MOEF and its Regional Office, Bhopal.

Complied.

During the site visit it was informed that the adjacent mined out pit of company is being used for rainwater harvesting purpose where the rainwater is being collected & recharged.

Sr.	EC Conditions	Compliance Status
No.		Water Conservation Measure: Rain Water Harvesting at adjacent Mined out pit.
(xvii i)	Vehicular emissions should be kept under control and regularly monitored measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered truck only and the vehicle carrying the minerals shall not overload.	During the site visit it was informed that vehicular emissions are controlled through regular monitoring and maintenance of vehicles used in mining operations and mineral transportation. Only vehicles with valid Pollution Under Control (PUC) certificates are permitted. Mineral transportation is conducted using covered trucks, ensuring no overloading. Compliance records, including PUC certificates, are maintained and regularly updated. It is advised to install tyre washing facility at the
(xix)	No transportation of ore outside the mine lease area shall be carried out after sunset.	Agreed to comply by project proponent. The project proponent has assured that transportation is restricted to day time only.
(xx)	Drilling and blasting operation shall not be carried out.	Agreed to comply by project proponent. The project proponent has assured that no drilling or blasting operations are conducted in the mining activities. It was evident during inspection that being an outcrop material it was directly loaded in the tipper.
(xxi)	Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to MOEF and its regional office located at Bhopal.	Complied. As per the records furnished during the site visit it was observed that unit has ensured compliance with the requirement for digital processing of the entire

Sr. No.	EC Conditions	Compliance Status
		lease area using remote sensing techniques every three years. The latest assessment was conducted in February 2024, and the corresponding report was submitted to MoEF&CC via letter No. UTCL/SCW/1.04/2024 on July 15, 2024, through both email and hard copy.
(xxii)	The mineral handling plant should be provided with adequate number of high efficiency dust extraction system, loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	During the site visit it was observed that unit has ensured compliance with dust control measures in the mineral handling plant. Material is transferred to the plant premises using tippers, and regular water spraying is carried out on haul roads and unloading points. Additionally, bag filters have been installed at all material transfer points within the plant, and routine maintenance is conducted to ensure their efficiency. Photographs documenting these measures are submitted.
(xxii i)	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.	Complied. During the site visit it was observed that there is no waste water generation due to mining activity since no mineral beneficiation or conditioning is required. Sewage treatment plant (STP) having capacity 1500 KLD (750 X 2) is installed in residential colony for the treatment of domestic waste water generated there.

Sr. No. EC Conditions Compliance Status

Photographs of Sewage Treatment Plant is given below:



(xxi v) The project authorities should undertake sample survey to generate data on pre-project community health status within a radius of 1 km from proposed mine.

Complied.

As per the records furnished during the site visit it was observed that pre-project community health status survey within a radius of 1 km from the mine site has been conducted.

Photographs of Community Health Checkup Camps conducted on routine basis is given below:



Sr.	EC Conditions	Compliance Status
No. (xxv)	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	Complied. As per the records furnished during the site visit it was observed that pre-placement medical examination and periodical medical examination of the workers was carried out regularly at as per Mines Rules, 1955, & records are being maintained.
	(Prescribed under Health 1. Serial Number in the Register of adult Workers 2. Full Name of Worker 3. Sex 4. Date of Birth Older of Poston of	Signs and symptoms Signs and symptoms Result Fit / Unfit havork Withdrawal from that work Date of declaring him unfit for that work Medical officer / the certifying Surgeon.
(xxv i)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Can't be ascertained. During the site visit it was informed that no construction activity is involved in the project, the provision for temporary housing of construction labour is not applicable.
(xxv ii)	The critical parameters such as RSPM (PM10) & NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water shall also be monitored (TDS, DO, Ph and TSS). The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the company in public domain. The circular No. J-	As per the records furnished during the site visit it was observed that regular monitoring of ambient air quality in core zone and buffer zone was carried out by NABL accredited third party to ensure concentration of Pollutants (PM _{2.5} , PM ₁₀ , SO ₂ , & NO _x) remains within prescribed limits. The monitored data displayed on the company website

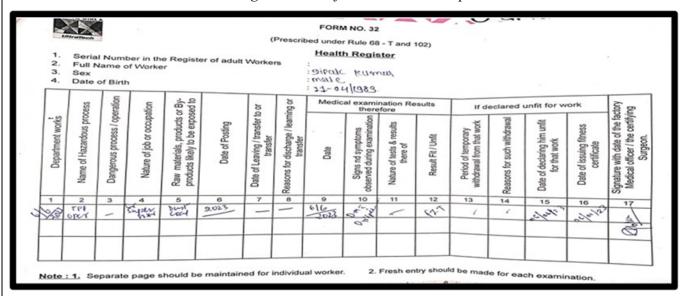
Sr. **EC Conditions Compliance Status** No. 20012/2006-IA.II (M) dated 27.05.2009 issued by (https://www.ultratechcement.com/corporate/susta MOEF, which is available on the website of the inability/environment) as well as displayed on a display board at the project site. Ministry www.envfor.nic.in shall also be referred in this regard for its c SCW-ED-KNP-2021-22-Q3-Harvd-Kha CW-ED-KWP-2024-25-G2-ML-I (I **Environment Data Display Board at Mines site Company Website Data updating Screenshot** Agreed to comply by project proponent. The project proponent should all precautionary measures during mining operation (xxv for conservation and protection of endangered implemented iii) project proponent has fauna such as caracal, chinkara, wolf, desert cat, precautionary measures to conserve and protect endangered fauna, including caracal, chinkara, pangolin etc. spotted in the study area action plan for conservation of flora and fauna shall be wolf, desert cat, and pangolin, identified within the prepared and implemented in consultation with study area. A Wildlife Conservation Plan has been the state forest and wildlife department necessary developed in consultation with the State Forest and allocation of funds for implementation of the Wildlife Department, with dedicated budgetary conservation plan shall be made and the funds so provisions. To support conservation and ecological allocated shall be made and the funds so allocated monitoring activities, the company has deposited shall be included in the project cost copy of action the allocated funds with the Forest Department. plan may be submitted to the ministry and its regional office. Copy of the letter with fund deposited receipt is submitted. A final mine closure plan along with details of Agreed to comply by project proponent. (xxi corpus fund should be submitted to the ministry x) of environment & forests 5 years in advance of The project proponent has assured that a final mine final mine closure for approval. closure plan along with details of corpus funds will be submitted to the MoEF&CC 5 years in advance of final mine closure for approval. **General Conditions** B. No change in mining technology and scope of (i) Agreed to comply by project proponent. working should be made without prior approval of the ministry of environment and forests.

Sr. No.	EC Conditions	Compliance Status
		The project proponent has assured that there was no change in Technology & scope of working apart from granted EC.
(ii)	No change in the calendar plan including excavation, quantum of mineral laterite and waste should be made.	Agreed to comply by project proponent. The project proponent has assured that there is no change in the calendar plan including excavation, quantum of mineral laterite.
(iii)	Four ambient air quality monitoring stations should be established in the core zone as well as the buffer zone for RPM & NOx monitoring. Location for the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the state pollution control board.	As per the records furnished during the site visit it was observed that four ambient air quality monitoring stations have been established in both the core and buffer zones for regular monitoring of RPM (PM10) and NOx. The locations of the stations were selected based on meteorological data, topographical features, and the presence of environmentally/ecologically sensitive targets, in consultation with the Gujarat Pollution Control Board (GPCB). Regular monitoring is being carried out, and the Environmental Monitoring Reports are submitted. The project's establishment of air quality monitoring stations in both the core and buffer zones is a positive step, providing valuable data on RPM and NOx levels. However, the monitoring scope could be expanded to include other critical pollutants like SO2, CO, PM2.5, and VOCs, offering a more comprehensive understanding of
		air quality. While the project displays real-time data both online and on-site, there is room for improvement in data presentation and user accessibility. Implementing Continuous Ambient Air Quality Monitoring Systems (CAAQMS) could enhance real-time data accuracy and enable quicker responses to pollution exceedances. Furthermore, developing clear action protocols based on pollutant thresholds would ensure timely mitigation measures and operational adjustments.
(iv)	Data on ambient air quality (RPM, SPM, SO2 & NOx) should be regularly submitted to the Ministry including its Regional Office at Bhopal and to the State Pollution Control Board/Central Pollution Control Board once in six months.	Complied. As per the records furnished during the site visit it was observed that data on air quality monitoring is being submitted regularly to RO Office as well as to GPCB. The latest report was submitted on vide letter UTCL/SCW/1.05/ 2024 dated 29.11.2024.

Sr. No.	EC Conditions	Compliance Status
(v)	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.	Complied. The Project Proponent has assured that regular water sprinkling is being carried out on haul road, loading & unloading points to arrest dust. Bag Filters are installed to prevent fugitive emissions. These measures are effective in reducing dust levels and preventing emissions that could negatively impact air quality. However, continuous monitoring and maintenance of these dust control systems are essential to ensure their consistent effectiveness. The project should also evaluate the frequency of water spraying based on seasonal and operational variations to optimize the control of dust emissions.
(vi)	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs/ muffs.	
(vii)	Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May and 31st December 1993 or as amended form time to time, oil and grease trap should be installed before discharge of effluents form workshop.	During the site visit it was informed that there is no waste water generation due to mining activity since no mineral beneficiation or conditioning is
(viii)	Personal working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance programme of the workers should be undertaken periodically to observe and contractions due to exposure to dust and take corrective measures, if needed. The same programme may be extended to adjoining villages also.	As per the records furnished during the site visit it was observed that personal protective equipment

Sr. No.	EC Conditions	Compliance Status
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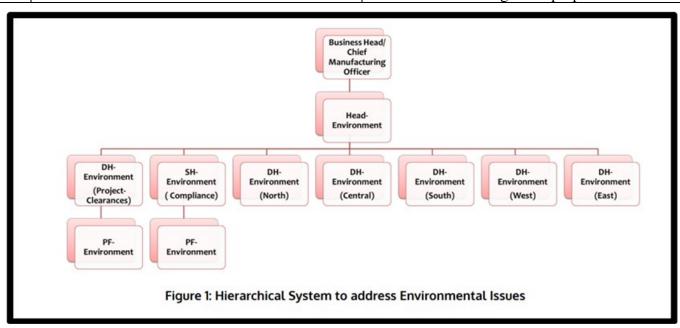
Fig1: Form 32 for Health Check-up



(ix) A separate environmental management cell with suitable qualified personal should be set up under the control of a senior executive who will report directly to the head of the organization.

Complied.

As per the records furnished during the site visit it was observed that unit has separate environmental management cell with qualified and experienced persons under the control of senior executive for environmental management purpose.



Organization Chart – Environment Cell

Sr.	EC Conditions	Compliance Status
(x)	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purposes. Year wise expenditure should be reported to the regional office. Bhopal of the MOEF and its Regional Office located at Bhopal.	Complied. During the site visit it was informed that unit has earmarked adequate funds for the environment protection measures and kept it in the separate account/budget head and also assured that it will not be diverted for other purpose. The expenditure on environment protection during the year 2024-25, is as under:
	Baranda Laterite Mi	nent Expenses (FY 24-25) ne (M.L. Area 400 ha)
	Description Environment Menitoring Evnenges	INR 493000
	Environment Monitoring Expenses Greenbelt & Plantation development expense	
	Water Tanker dedusting as well as greenbelt	
	Total (INR)	19,33,800
	Total (II/K)	17,55,000
(xi)	The project authorities should inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project to the concerned authorities and the date of start of land development work.	Agreed to comply by project proponent. The project proponent has assured that unit will inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the expansion project.
(xii)	The regional office of this ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the regional office by furnishing requisite data/ information/ monitoring report.	Agreed to comply by project proponent. The project proponent has assured that full cooperation will be extended to the officer(s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
(xiii)	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the MOEF, its Regional Office Bhopal, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, Bhopal, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.	Complied. During the site visit it was informed that six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data are being submitted to the MoEF&CC, the respective zonal Office of the Central Pollution Control Board & the State Pollution Control Board.
(xiv)	A copy of the clearance letter shall be sent by the proponent to concerned panchayat/local NGO. If	Complied.

any, from whom suggestions/representations, if	As per the records furnished during the site visit it
any, where received while process the proposal. The clearance letter shall also be put on the Company by the proponent.	was observed that a copy of the clearance letter has been marked to the Concerned Panchayat, vide letter dated 24.02.2013.
	A copy of EC Compliance submission letter was submitted.
(xv) The State pollution control board should display a copy of the clearance letter as the regional office, district industry centre and collectors/ Tehsildar's office for 30 days.	Not Applicable.
(xvi) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned SPCB as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the MOEF, Bhopal by e-mail.	During the site visit it was informed that Environment Statement in Form-V is regularly submitted to the GPCB, for the year 2023-24 submitted vide our letter no. UTCL/SCW-3.03/2024/1416 dated 25.09.2024. The copy of Environment Statement communication is also uploaded on company website.
For House Builders For Infrastructure For Corporate For House Builders For Infrastructure For Corporate ### Page Interest in section ### Page Interest in section #### Page Interest in section ###################################	CCW 4D 45-023-24 Center Plets (pdf)

Sr. No.	EC Conditions	Compliance Status
(xvii	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the state pollution control board and also at web site of the ministry of environment and forests at http://envfor.nic.in and a copy of the same should be forwarded to the regional office of this ministry located Bhopal.	As per the records furnished during the site visit it was observed that unit had advertised EC accordance information in Gujarati and English (Gujarat Samachar) on dated 28.02.2011 i.e. on 6th day of EC grant. Complete

Observations/Suggestions:

Summary note:

i. Implementation of conditions:

Out of total 46 conditions, it may be seen that 29 are complied, 3 Being Complied, 10 are agreed to comply by the project proponent, 2 are not applicable, 1 is noted by the unit whereas 1 condition can't be ascertained. These have been explained in the foregoing compliance report against each of the conditions, and the PP needs to take necessary and time bound action for early compliance in respect of the relevant conditions. A time targeted action taken report shall be furnished to MoEF&CC, RO Gandhinagar in this regard within 30 days of receipt of the said letter.

ii. General observations

- a) PP should further increase plantation along the mines as well as workshop boundery wall of native veriety specifically Neem etc.
- b) Looking at water scace area and high mortality rate of plantation area; PP shall workout for drip irrigation system in plantation.

- c) PP can install dust catcher grate system for vehicle at mines entrance so that material settles down and tyres gets cleaned automatically.
- d) PP shall increase water sprinkling on mines haul road in summer season.
- e) PP shall further paint the Boundary Pillar of mines and make it visible from distance.

xii. Court cases and show cause/closure notices:

As per the records furnished during the site visit, it was noted that there are no court cases against the project and the unit has not received Show Cause Notice/ Notice of Direction from GPCB.

Deputy Director (S)/Scientist- 'C'
RO Gandhinagar, MoEFCC