

DCBL/ENV/MoEF&CC/ ZUTTING-PIMPRI MINES/EC/COMPL/112024/01      Date: 12.11.2024

To,  
**The Additional Principal Chief Conservator of Forests**  
Ministry of Environment, Forest & Climate Change,  
Regional Office (West Central Zone),  
Ground Floor, East Wing, New Secretariat Building,  
Civil Lines, Nagpur - 440001.

**Sub: Half Yearly Compliance Report of Environmental Clearance issued for Zutting (18.06 Ha), Zutting (25.28 Ha), Zutting (42.16 Ha) Limestone mines located at Korpana taluka of Chandrapur district, & Pimpri (30.33 Ha) Limestone mines located at Pimpri, Taluka - Korpana, Distt. - Chandrapur, Maharashtra for the period of April 2024 to September 2024.**

**Ref: Environmental Clearance No. SEAC-2009/CR.12/TC.2 Dated 8<sup>th</sup> July, 2010**

Dear Sir,

With respect to the subject referred above, we are submitting herewith the point wise half yearly compliance of above referred Environmental Clearance for our Zutting & Pimpri Limestone Mines (ML Area - 115.83 Ha) for the period of **April 2024 to September 2024**.

Submitted for your kind information and record please.

Thanking you

Yours Faithfully,  
For **M/s Dalmia Cement (Bharat) Ltd.**  
**Zutting-Pimpri Limestone Mines**

  
**(Subbaraidu Ayyagari)**  
**Unit Head**

**CC: 1. The Regional Director, Central Pollution Control Board (CPCB), Regional Office, Survey No, 110, Dhankude Multipurpose Hall, Baner Road, Baner, Pune, Maharashtra - 411045.**

**2. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. CineMax Theatre, Sion (E), Mumbai - 400 022.**

**3. Regional Officer, Maharashtra Pollution Control Board (MPCB), 1<sup>st</sup> Floor, Udyog Bhawan, Railway Station Road, Chandrapur - 442401**

**Dalmia Cement (Bharat) Limited**

Chandrapur Cement Works, Village, Naranda, Taluka - Korpana, District - Chandrapur - 442916, Maharashtra, India  
Corporate Office - 11th & 12th Floor, Hansalaya Building, 15 Barakhamba Road, New Delhi - 110 001, Delhi, India

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Registered Office: Dalmiapuram, District Tiruchirappalli - 621 651, Tamil Nadu, India

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

<b>Proposal No</b>	SEAC-2009/CR.12/TC.2
<b>Compliance ID</b>	113192529
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/113192529/2024
<b>Reporting Year</b>	2024
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)
<b>Submission Date</b>	30-11-2024
<b>RO/SRO Name</b>	Dr Senthil Kumar Sampath
<b>RO/SRO Email</b>	agmu156@ifs.nic.in
<b>State</b>	MAHARASHTRA
<b>RO/SRO Office Address</b>	Integrated Regional Offices, Nagpur

**Note:-** SMS and E-Mail has been sent to Dr Senthil Kumar Sampath, MAHARASHTRA with Notification to Project Proponent.

## COMPLIANCE REPORT OF EC CONDITIONS

**EC No.:** SEAC-2009/CR.12/TC.2 Dated 8<sup>th</sup> July, 2010

**Name of Industry:** Dalmia Cement (Bharat) Limited, (Earlier Murli Industries Limited)

**Project Name:** Environmental Clearance for Zutting (18.06 Ha), Zutting (25.28 Ha), Zutting (42.16 Ha) Limestone mines located at Korpana taluka of Chandrapur district, & Pimpri (30.33 Ha) Limestone mines located at Pimpri, Taluka – Korpana, district – Chandrapur.

**Compliance Period** – April 2024 to September 2024

SN	Terms and Conditions	Compliances
i.	Mining activity should not intersect ground water table.	As per IBM approved mining plan, mining activity will not intersect the ground water table. Prior permission will be taken if intersect the water table.
ii.	Proponent should follow prevailing mines act and rules as well as other directions given by Director General of Mines safety measures.	Noted and being followed the applicable mines act and rules as well as other directions given by Director General of Mines safety measures.
iii.	No change in mining technology and scope of work, preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	Noted and Permission will be taken if required.
iv.	No additional land in excess of said above shall be used / acquired for any activity of the project without obtaining proper permission.	Noted. No additional land in excess will be acquired/used for any activity, we will take the necessary permissions, if required.
v.	Permission to draw ground water shall be obtained from the component authority prior to construction / operation of the project.	We have received the Ground Water NOC from Central Ground Water Authority/Board for the withdrawal of the 30 KLD Ground water vide NOC number CGWA/NOC/MIN/ORIG/ 2022/17157 Dated 28.11.2022. Copy of CGWA NOC is enclosed as <b>Annexure-I</b> .
vi.	No change in the calendar plan including excavation, quantum of mineral and waste shall be made.	Noted and will be complied
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 19 <sup>th</sup> May 1993 and 31 <sup>st</sup> December 1993 or as	No industrial waste water will be generated during the mine's operation. We have recently started the mines operation, domestic sewage not yet generated. In future will be disposed the domestic sewage through septic tank followed by soak pit.

	amended from time to time, oil and grease trap shall be installed before discharge of workshop effluent.	
viii.	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	Noted. We have started the mines operation recently. We are conducting the ground water level monitoring of the nearby area. Installation of Piezometer is under progress.
ix.	Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.	<ul style="list-style-type: none"> <li>To control fugitive dust emissions from all the sources, water sprinkling is being done on the haul road by water tanker.</li> <li>To control the fugitive dust emission during loading and unloading of the minerals, water sprinkling will be done while loading and unloading of material and at transfer points during mines operation.</li> </ul>
x.	For controlling fugitive natural dust regular sprinkling of water in vulnerable areas of the plant shall be ensured.	Water sprinkling is being and will be done in vulnerable areas during mines operation.
xi.	Dust fall measurement shall be periodically carried out including particle size analysis in work zone area. Results shall be submitted to the Regional Office of the Ministry and State Government.	Ambient air quality monitoring at work zone area is being carried out including PM <sub>10</sub> , PM <sub>2.5</sub> . Results of the ambient air quality monitoring for the compliance period is enclosed as <b>Annexure-II</b> .
xii.	Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training & information on safety and health aspects.	Personal protective equipment like Nose Mask, Ear plug is being provided and regular health & safety training is being imparted for the personnel working in the dusty areas as per the requirement.
xiii.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Safety measures will be provided to limit the risk zone within the plant boundary. Leak detection device is not applicable as it's an open cast limestone mine.
xiv.	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per factories act.	Occupational health surveillance of the workers is being carried out on a regular basis and records maintained as per factories act.
xv.	First aid room shall be provided in the project. Regular medical check-up for workers and records maintained shall be carried out.	<ul style="list-style-type: none"> <li>Well-equipped occupational centre with qualified staff is established at Plant premises which is near to mines area.</li> <li>Regular medical check-up for workers is being done as per the norms and records are being maintained.</li> </ul>
xvi.	The company shall make the arrangement for protection of possible fire hazard during manufacturing process in material handling.	Required fire extinguishers provided at fire prone areas.
xvii.	The project authorities must strictly comply with the rules and regulation with regards to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules 2003.	<ul style="list-style-type: none"> <li>Hazardous waste not generated during compliance period.</li> <li>Consent to operate and Authorization from the MPCB is received for the collections/treatment/ storage/disposal of hazardous wastes.</li> </ul>



	Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.	<ul style="list-style-type: none"> <li>We will send the generated Hazardous waste (used Oil &amp; Grease) to authorized recycler.</li> </ul>
xxviii.	The solid waste shall be properly collected, segregated and disposed as per the provision of solid waste (management and Handling) Rules, 2000.	Noted and will be complied as per the provision of solid waste (management and Handling) Rules, 2000 and further amendments.
xix.	Regular monitoring of the air quality, including SPM & SO <sub>2</sub> levels both in work zone and ambient air shall be carried out in and around the project area and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Controlled Board (MPCB) & submit report accordingly to MPCB.	Ambient air quality monitoring at work zone area is being carried out including PM <sub>10</sub> , PM <sub>2.5</sub> . Results of the ambient air quality monitoring for the compliance period is enclosed as <b>Annexure-II(a)</b> . CAAQMS Station installed in ML area of Zutting mine for continuous air quality monitoring. Photograph of CAAQMS station is enclosed as <b>Annexure II(b)</b>
xx.	Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Result shall be regularly submitted to Maharashtra Pollution Control Board.	Ground water quality reports are being submitted to the MPCB on quarterly basis. Ground water quality report during the compliance period is enclosed as <b>Annexure-III</b> .
xxi.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	Noted and will be complied if required
xxii.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosive shall be taken.	Noted and will be complied as applicable.
xxiii.	Vehicle hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should confirm to applicable air and noise emission standards and should be operated only during non-peak hours.	Vehicles with PUC and fitness certificate are being and will be allowed inside the mine's premises for mines operation during non-peak hours.
xxiv.	Leq. of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like ear plug etc. shall be provided.	Regular noise level monitoring is being done at Mines area. Required personal protective equipment like Ear Plug/ ear muff are being provided.
xxv.	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosure etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act 1986 rules 1989.	<ul style="list-style-type: none"> <li>Regular ambient noise level monitoring is being done at Mines area, the noise level at mines area is below permissible limit.</li> <li>Acoustic enclosures, hoods will be provided wherever applicable.</li> <li>The summary of Noise level monitoring is enclosed as <b>Annexure-IV</b>.</li> </ul>

xxvi.	Land use pattern of the nearby villages shall be studied and action plan for abatement and compensation for damage to agricultural land / common property land (if any) in the nearby villages due to mining activity shall be submitted to the Regional office of the Ministry within six months. Annual status of implementation of the plan and expenditure thereon shall be reported to the Government of Maharashtra.	Complied with
xxvii.	Maintenance of village roads through which transportation of ores are undertaken shall be carried out by the company regularly at its own expense. The road shall be black topped.	<ul style="list-style-type: none"> <li>Village road is not being used for transportation of mineral, however haul road inside the mines will be repaired as per requirement.</li> </ul>
xxviii.	Rainwater harvesting shall be done undertaken to recharge the ground water source. Status of implementation shall be submitted to the Govt. of Maharashtra within six months and thereafter every year from the next consequent year.	<ul style="list-style-type: none"> <li>The surface run off of rain water will be collected in the mining pit once we start the mining operation.</li> <li>Rainwater Harvesting injection wells are constructed in nearby community to recharge the ground water, in addition to this nearby village ponds are deepened to store more rainwater and also recharge the ground water to enhance the water table. Photographs of rain Water Harvesting structures and village pond is enclosed as <b>Annexure-VII</b>.</li> </ul>
xxix.	Measures for preventing and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material and thick plantation of native trees and shrub shall be carried out at the dump slopes. Dumps shall be protected by retaining wall.	<ul style="list-style-type: none"> <li>Greenbelt development and plantation is being developed with native plant species along the mines lease boundary.</li> <li>As on Sep-24, 4596 nos of plantation have been done in mine lease area.</li> <li>Plantation will be done on OB dump to prevent the soil erosion and surface runoff.</li> <li>We have started the mines operation recently; few quantities of the Production are generated and during the compliance period is Nil.</li> <li>Retaining wall will be constructed to protect the Dumps.</li> </ul>
xxx.	Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular interval to arrest silt from being carried to water bodies. Adequate number of check Dams and Gully Plugs shall be constructed across seasonal / perennial nallahs (if any) flowing through the ML area and silts arrested. De-silting at regular intervals shall be carried out. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed	<ul style="list-style-type: none"> <li>Trenches / garland drains will be constructed at foot of dumps and coco filters will be installed at regular interval to arrest silt</li> <li>No seasonal nallah flowing inside the mines Lease area.</li> <li>Siltation pond will be provided and de-siltation will be done at regular intervals</li> <li>Garland drain will be provided for mines pit.</li> </ul>

	keeping 50% safety margin over and above peak sudden rainfall (based on 50-year data) and maximum discharge retention period to allow proper setting of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilting at regular intervals.	
xxxi.	Prior permission from the competent authority shall be obtained for extraction of ground water, if any.	We have received the Ground Water NOC from Central Ground Water Authority/Board for the withdrawal of the 30 KLD Ground water vide NOC number CGWA/NOC/MIN/ORIG/ 2022/17157 Dated 28.11.2022. Copy of CGWA NOC is enclosed as <b>Annexure-I</b> .
xxxii.	Ground water in the core zone shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the regional office of the Ministry regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.	Complying with Ground water in the core zone of ML area is being regularly monitored for contamination and depletion due to mining activity and records are being maintained.  The monitoring data of ground water quality is being submitted to the Integrated Regional Office of MoEF&CC regularly.
xxxiii.	Cultivable waste land (within 5 km of the lease) shall be identified and fodder farming or other suitable production use of waste land shall be taken up in phased manner. Status of implementation shall be submitted to the Govt. of Maharashtra.	Cultivable waste land within 5 km radius of the lease is being identified and will be developed in phase manner.
xxxiv.	Shelter Belt i.e. Wind Break of 30 m width and consisting of at least 5 tiers around lease facing the school / agricultural fields/ human habitation etc. (if an in the vicinity) shall be raised.	Shelter Belt i.e. Wind Break of 30 m width and consisting of at least 5 tiers around lease facing the school / agricultural fields/ human habitation etc. will be raised.
xxxv.	Monitoring of soil samples for assessment of transformation to acidic state or contamination due to mining activity (as applicable) shall be regularly conducted and records maintained.	Regular soil quality monitoring is being done and the records are being maintained. Soil quality monitoring report is enclosed as <b>Annexure-V</b> .
xxxvi.	Transportation of ore shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore /dust takes place.	The transportation of the ore is being / will be done through tarpaulin covered trucks.
xxvii.	Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The company shall engage a fulltime qualified doctor who is trained in occupational health. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness	<ul style="list-style-type: none"> <li>• Regular periodic medical check-ups for the persons engaged in the mines is being done.</li> <li>• However, dispensary is established at the plant site with medical practitioner.</li> <li>• Company ambulance is available to shift the casualty in case of serious condition.</li> </ul>

	programme for workers on impact of mining on their health and precautionary measures like use of personnel equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at interval of five years or less) shall be conducted follow up action wherever required.	<ul style="list-style-type: none"> <li>For occupational health and safety measures periodical health check-up is being carried out by medical practitioner at plant site.</li> </ul>
xviii.	Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.	<ul style="list-style-type: none"> <li>Top soil is being / will be stacked with proper slope and adequate safeguards. The top soil will be utilized for plantation &amp; greenbelt development, backfilling, reclamation of mined out area.</li> <li>The topsoil in the mining area striped and preserved along the mine lease boundary. Plantation will be carried out for its stability. The same top soil will be back filled for reclamation stage of mining.</li> <li>Overburden (OB) will be stacked at designated place separately.</li> </ul>
xxix.	Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitation areas shall continue until the vegetation becomes self – sustaining. Compliance status shall be submitted to the ministry of Environment & Forest on six monthly basis.	<ul style="list-style-type: none"> <li>The Over burden (OB) generated during mines operation will be stacked at earmarked dump site(s) as per mining plan and will not be kept active for long period.</li> <li>The OB dumps will be vegetated scientifically with suitable native species to prevent erosion and surface run off.</li> <li>Continuous monitoring and management of rehabilitation areas will be done to maintain the vegetation to make it self – sustaining.</li> <li>Compliance status of the same is being submitted to the MoEF&amp;CC on half yearly basis.</li> </ul>
xl.	Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.	Slope of the mining bench and ultimate pit limit will be maintained as per IBM approved mining plan.
xli.	Adequate plantation shall be raised in the ML area, haul road, OB dump sites etc. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agricultural Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people with the help of self-help group for plantation programme. Details of year-wise afforestation programme including rehabilitation of mine out area shall be submitted to the Govt. of Maharashtra every year.	<p>After acquisition of the MIL group, we have recently started the mining activities. Greenbelt &amp; Plantation in the mining lease area is being developed in phase manner. Local species are being selected for the plantation. As on Sep-24, 4596 nos of plantation have been done in mine lease area.</p> <p>The Self-help groups are engaged in the plantation at nearby villages and around the mines area.</p>

		Details of year-wise afforestation programme including rehabilitation of mine out area will be submitted to the Govt. of Maharashtra every year.
xlii.	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year. Pre-monsoon (April-May), monsoon (August), post monsoon (November) and Winter (January) and the data thus collected shall be regularly sent to MPCB, Central Ground Water Authority and Regional Director, Central Ground Water Board.	<ul style="list-style-type: none"> <li>• Regular monitoring of ground water level will be conducted in mining lease area. Installation of Piezometer is under progress.</li> <li>• Quality of Ground water is being monitored on quarterly basis and monitoring report is being submitted to MPCB, CGWA &amp; Regional Director CGWB.</li> <li>• Ground water quality report during the compliance period is enclosed as <b>Annexure-III</b>.</li> </ul>
xliii.	Vehicular emissions shall be kept under control and regularly monitored. Vehicle used for transportation of ores and others shall have valid permissions as prescribed under central Motor Vehicle Rules, 1989 and its amendments. Transportation of ore shall be done only during the day time. The vehicles transporting ores shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of ores for transportation shall be committed. The trucks transporting ore shall not pass through wild life sanctuary.	<ul style="list-style-type: none"> <li>• Only PUC certified vehicles will be used for mining excavation and transportation.</li> <li>• Limestone Ore is being transported through Tarpaulin covered trucks to control dust emission.</li> <li>• No overloading of ores will be done for mineral transportation.</li> <li>• No wild life sanctuary located near to mining lease area</li> </ul>
xliv.	Action plan with respect to suggestions/ improvements and recommendation made during public consultation / hearing shall be submitted to the Ministry and the STATE Govt. within six months.	<p>Action plan with respect to suggestions/ improvements and recommendation made during consultation / hearing has been compiled in final EIA report.</p> <p>Pursuant to approval of NCLT for implementation of the Resolution Plan, MIL has become a subsidiary of DCBL from September 10, 2020.</p> <p>However, all the expenditures spend after acquiring MIL by DCBL About, Rs. 112.4 lakhs have been spent on the social-economic development in nearby villages.</p> <p>CSR Activities along with expenditures and photographs is enclosed as <b>Annexure-IX</b>.</p>

xlvi.	A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Ministry of Environment & Forest, 5 year in advance of final mine closure for approval.	A final mine closure plan, along with details of Corpus Fund, will be submitted to the Ministry of Environment & Forest, 5 year in advance of final mine closure for approval.
xlvi.	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise break up. These costs shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purposes and year wise expenditure should report to the MPCB & this department.	<ul style="list-style-type: none"> <li>• After acquisition of MIL group, we have started the mining operation recently.</li> <li>• Year wise expenditures details towards environmental protection measures is enclosed as <b>Annexure-VI</b>.</li> </ul>
xlvi.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://envis.maharashtra.gov.in">http://envis.maharashtra.gov.in</a>	Complied with Company has been recovered from Insolvency through National Company Law Tribunal (NCLT) route, the older documents are not available.
xlvi.	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to MPCB & this department, on 1st June & 1st December of each calendar year.	<ul style="list-style-type: none"> <li>• Half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions is being submitted in hard &amp; soft copies to MPCB &amp; IRO office of MoEFCC</li> <li>• The last Half Yearly compliance report for the period of Apr-24 to Sep-24 was submitted vide Letter No DCBL/ENV/MoEFCC/ZP-MINES/EC/COMPL/052024/01 Dated 14.05.2024</li> </ul>
ix. CT	Six monthly monitoring reports should be submitted to the department and MPCB.	Half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions is being submitted in hard & soft copies to MPCB & IRO office of MoEFCC
i.	The project proponent during their inspection should give officials from the MPCB who would be monitoring the implementation of environmental safeguard full cooperation, facilities and documents/data. A complete set of all the documents submitted to department should be forwarded to the MPCB.	Noted and will be complied.
ii.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by SEAC & SEIAA.	Noted.



भारत सरकार  
जल शक्ति मंत्रालय  
जल संसाधन, नदी विकास  
और गंगा संरक्षण विभाग  
केन्द्रीय भूमि जल प्राधिकरण  
Government of India  
Ministry of Jal Shakti  
Department of Water Resources,  
River Development & Ganga Rejuvenation  
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

**NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION**

Project Name:	Zutting 18.06 Ha Zutting 25.28 Ha Zutting 42.16 And Pimpri 30.33 Ha Lime Stone Mines		
Project Address:	Dalmia Cement Bharat Limited, Unit: Chandrapur Cement Works, Village - Zutting, Pimpri, Tehsil Korpana,, District Chandrapur, Maharashtra		
Village:	Naranda	Block:	Korpana
District:	Chandrapur	State:	Maharashtra
Pin Code:			
Communication Address:	Dalmia Cement (bharat) Limited, Unit : Chandrapur Cement Works, Village Naranda, Tq Korpana,, District Chandrapur, Maharashtra, Korpana, Chandrapur, Maharashtra - 442916		
Address of CGWB Regional Office :	Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001		

1.	NOC No.:	CGWA/NOC/MIN/ORIG/2022/17157													
2.	Application No.:	21-4/8854/MH/MIN/2022					3.	Category: (GWRE 2020)			Safe				
4.	Project Status:	New Project					5.	NOC Type:			New				
6.	Valid from:	28/11/2022					7.	Valid up to:			27/11/2024				
8.	Ground Water Abstraction Permitted:														
Fresh Water			Saline Water				Dewatering				Total				
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
30.00		9900.00													
9.	Details of ground water abstraction /Dewatering structures														
Total Existing No.:0							Total Proposed No.:1								
			DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu	
Abstraction Structure*			0	0	0	0	0	0	0	0	1	0	0	0	
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
10.	Ground Water Abstraction/Restoration Charges paid (Rs.):							9900.00							
11.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.						No. of Piezometers		Monitoring Mechanism						
Manual									DWLR**		DWLR With Telemetry				
**DWLR - Digital Water Level Recorder							1		1		0		0		

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये  
SAVE WATER - SAVE LIFE

**Validity of this NOC shall be subject to compliance of the following conditions:**

**Mandatory conditions:**

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website ([www.cgwa-noc.gov.in](http://www.cgwa-noc.gov.in)) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m<sup>3</sup>/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

**General conditions:**

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m<sup>3</sup>/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

**(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)**



**ANNEXURE-II**  
**AMBIENT AIR QUALITY MONITORING DATA**

<b>AMBIENT AIR STATION -01 (East Side)</b>				
<b>Month</b>	<b>PM 2.5 (µg/m³)</b>	<b>PM 10 (µg/m³)</b>	<b>SO<sub>2</sub> (µg/m³)</b>	<b>NO<sub>x</sub> (µg/m³)</b>
<b>Standard</b>	<b>60</b>	<b>100.0</b>	<b>80.0</b>	<b>80.0</b>
April-24	35.4	57.7	18.5	25.1
May-24	37.9	61.8	20.9	28.2
June-24	35.4	66.5	14.1	22.6
July-24	32.5	65.5	10.9	17.8
August-24	30.4	59.0	18.6	25.8
September-24	27.1	55.3	15.2	21.5
<b>AMBIENT AIR STATION -02 (North Side)</b>				
April-24	34.2	59.6	10.8	15.8
May-24	36.7	61.9	12.74	18.08
June-24	34.2	64.8	14.56	20.1
July-24	32.9	62.7	13.02	18.23
August-24	30.0	60.2	15.19	20.41
September-24	24.6	57.7	11.91	20.44
<b>AMBIENT AIR STATION -03 (South Side)</b>				
April-24	33.3	53.1	8.3	13.0
May-24	37.5	55.5	10.08	15.29
June-24	36.2	67.5	17.3	26.4
July-24	32.1	63.5	14.6	23.4
August-24	28.3	57.5	20.5	22.2
September-24	20.8	51.8	10.3	15.5
<b>AMBIENT AIR STATION -04 (West Side)</b>				
April-24	35.4	63.5	15.1	23.4
May-24	33.3	65.5	20.0	26.9
June-24	34.99	66.61	16.6	20.5
July-24	30.41	62.58	9.5	18.5
August-24	28.32	56.8	16.9	23.9
September-24	23.33	53.52	12.32	18.39

**ANNEXURE-II(b)**  
**CAAQMS STATION AT ZUTTING – PIMPRI LIMESTONE MINE**



**Head Office & Lab**

Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426  
Gujarat. INDIA

Mobile No : +91-7069072001

Email Id : lab@gogreenmechanisms.com

**CERTIFICATE OF ANALYSIS**

Report Number: GGMPL/PN/407D/22/01

Reporting Date : 21/05/2024

Dalmia Cement (Bharat) Ltd.


Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra

**SAMPLE DETAILS**

Lab ID:	Lab/PN/407D/22/01	Sampling Date:	10/05/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	12/05/2024
Sample Type:	Ground Water	Analysis Start Date:	13/05/2024
Sample Description:	G.W of Zutting Mine Guest House Borewell (core zone)	Analysis End Date:	20/05/2024
Sample Quantity:	3.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Alkalinity as CaCO <sub>3</sub>	402.00	mg/L	APHA 23rd Edn 2320 B	-
2	BOD at 27 oC for 3 days	6.7	mg/L	IS 3025-Part 44	-
3	Chemical Oxygen Demand (COD)	20.00	mg/L	APHA 23rd Edn 5220 B	-
4	Chloride	124.96	mg/L	IS 3025- Part 32	-
5	Conductivity	1172.41	uS/cm	IS 3025- Part 14	-
6	Oil and Grease	BQL (QL=1)	mg/L	IS 3025- Part 39	-
7	pH at 25 °C	7.15	-	IS 3025- Part 11	-
8	Sulphate	97.98	mg/L	APHA 23rd Edn 4500 SO <sub>4</sub> E	-
9	Total Dissolved Solids (TDS)	680.00	mg/L	APHA 23rd Edn 2540 C	-
10	Total Suspended Solids (TSS)	6.00	mg/L	APHA 23rd Edn 2540 D	-
11	Total Hardness as CaCO <sub>3</sub>	400.00	mg/L	APHA 23rd Edn 2340 C	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Priyanka Shrimali



  
Authorized Signatory  
Manish Kumawat

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Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra




TC-7073

### SAMPLE DETAILS

Lab ID:	Lab/PN/407D/22/01	Sampling Date:	10/05/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	12/05/2024
Sample Type:	Ground Water	Analysis Start Date:	13/05/2024
Sample Description:	G.W of Zutting Mine Guest House Borewell (core zone)	Analysis End Date:	20/05/2024
Sample Quantity:	3.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
12	Carbonate as CaCO <sub>3</sub>	BQL (QL=2)	mg/L	APHA 23rd Edn 2320 B	-
13	Bi Carbonate as CaHCO <sub>3</sub>	402.0	mg/L	APHA 23rd Edn 2320 B	-
14	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
15	Boron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
16	Cadmium	BQL (QL=0.002)	mg/L	GGMPL/SOP/W & WW/46	-
17	Cobalt	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
18	Copper	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
19	Iron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
20	Lead	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
21	Nickel	BQL (QL=0.01)	mg/L	GGMPL/SOP/W & WW/46	-
22	Zinc	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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Priyanka Shrimali



  
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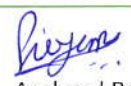
TC-7073

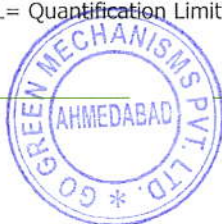
### SAMPLE DETAILS

Lab ID:	Lab/PN/407D/22/02	Sampling Date:	10/05/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	12/05/2024
Sample Type:	Ground Water	Analysis Start Date:	13/05/2024
Sample Description:	G.W of HandPump Near Z.P School Zutting (Buffer zone)	Analysis End Date:	20/05/2024
Sample Quantity:	3.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Alkalinity as CaCO <sub>3</sub>	346.00	mg/L	APHA 23rd Edn 2320 B	-
2	BOD at 27 oC for 3 days	8.3	mg/L	IS 3025-Part 44	-
3	Chemical Oxygen Demand (COD)	25.00	mg/L	APHA 23rd Edn 5220 B	-
4	Chloride	97.96	mg/L	IS 3025- Part 32	-
5	Conductivity	1034.48	uS/cm	IS 3025- Part 14	-
6	Oil and Grease	BQL (QL=1)	mg/L	IS 3025- Part 39	-
7	pH at 25 °C	7.20	-	IS 3025- Part 11	-
8	Sulphate	85.99	mg/L	APHA 23rd Edn 4500 SO <sub>4</sub> E	-
9	Total Dissolved Solids (TDS)	600.00	mg/L	APHA 23rd Edn 2540 C	-
10	Total Suspended Solids (TSS)	6.00	mg/L	APHA 23rd Edn 2540 D	-
11	Total Hardness as CaCO <sub>3</sub>	350.00	mg/L	APHA 23rd Edn 2340 C	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073

### SAMPLE DETAILS

Lab ID:	Lab/PN/407D/22/02	Sampling Date:	10/05/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	12/05/2024
Sample Type:	Ground Water	Analysis Start Date:	13/05/2024
Sample Description:	G.W of HandPump Near Z.P School Zutting (Buffer zone)	Analysis End Date:	20/05/2024
Sample Quantity:	3.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
12	Carbonate as CaCO <sub>3</sub>	BQL (QL=2)	mg/L	APHA 23rd Edn 2320 B	-
13	Bi Carbonate as CaHCO <sub>3</sub>	346.0	mg/L	APHA 23rd Edn 2320 B	-
14	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
15	Boron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
16	Cadmium	BQL (QL=0.002)	mg/L	GGMPL/SOP/W & WW/46	-
17	Cobalt	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
18	Copper	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
19	Iron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
20	Lead	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
21	Nickel	BQL (QL=0.01)	mg/L	GGMPL/SOP/W & WW/46	-
22	Zinc	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-

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78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra




### SAMPLE DETAILS

Lab ID:	Lab/PN/407D/22/03	Sampling Date:	10/05/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	12/05/2024
Sample Type:	Ground Water	Analysis Start Date:	13/05/2024
Sample Description:	G.W of Handpump Near Hanuman Mandir Pipri village (Buffer zone)	Analysis End Date:	20/05/2024
Sample Quantity:	3.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Alkalinity as CaCO <sub>3</sub>	350.00	mg/L	APHA 23rd Edn 2320 B	-
2	BOD at 27 °C for 3 days	6.2	mg/L	IS 3025-Part 44	-
3	Chemical Oxygen Demand (COD)	20.00	mg/L	APHA 23rd Edn 5220 B	-
4	Chloride	68.97	mg/L	IS 3025- Part 32	-
5	Conductivity	1065.51	uS/cm	IS 3025- Part 14	-
6	Oil and Grease	BQL (QL=1)	mg/L	IS 3025- Part 39	-
7	pH at 25 °C	7.37	-	IS 3025- Part 11	-
8	Sulphate	97.40	mg/L	APHA 23rd Edn 4500 SO <sub>4</sub> E	-
9	Total Dissolved Solids (TDS)	618.00	mg/L	APHA 23rd Edn 2540 C	-
10	Total Suspended Solids (TSS)	8.00	mg/L	APHA 23rd Edn 2540 D	-
11	Total Hardness as CaCO <sub>3</sub>	326.00	mg/L	APHA 23rd Edn 2340 C	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



### SAMPLE DETAILS

Lab ID:	Lab/PN/407D/22/03	Sampling Date:	10/05/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	12/05/2024
Sample Type:	Ground Water	Analysis Start Date:	13/05/2024
Sample Description:	G.W of Handpump Near Hanuman Mandir Pipri village (Buffer zone)	Analysis End Date:	20/05/2024
Sample Quantity:	3.5 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
12	Carbonate as CaCO <sub>3</sub>	BQL (QL=2)	mg/L	APHA 23rd Edn 2320 B	-
13	Bi Carbonate as CaHCO <sub>3</sub>	350.00	mg/L	APHA 23rd Edn 2320 B	-
14	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
15	Boron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
16	Cadmium	BQL (QL=0.002)	mg/L	GGMPL/SOP/W & WW/46	-
17	Cobalt	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
18	Copper	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
19	Iron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
20	Lead	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
21	Nickel	BQL (QL=0.01)	mg/L	GGMPL/SOP/W & WW/46	-
22	Zinc	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Priyanka Shrimali



  
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Manish Kumawat

Page No : 2/3

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## CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/1608D/22/01

Reporting Date : 19/08/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



### SAMPLE DETAILS

Lab ID:	Lab/PN/1608D/22/01	Sampling Date:	08/08/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	10/08/2024
Sample Type:	Ground Water	Analysis Start Date:	10/08/2024
Sample Description:	GW of Zutting Mine guest house Borewell	Analysis End Date:	17/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Alkalinity as CaCO <sub>3</sub>	350.00	mg/L	APHA 23rd Edn 2320 B	-
2	BOD at 27 oC for 3 days	6.0	mg/L	IS 3025-Part 44	-
3	Chemical Oxygen Demand (COD)	16.00	mg/L	APHA 23rd Edn 5220 B	-
4	Chloride	16.99	mg/L	IS 3025- Part 32	-
5	Conductivity	800.50	uS/cm	IS 3025- Part 14	-
6	Oil and Grease	BQL (QL=1)	mg/L	IS 3025- Part 39	-
7	pH at 25 °C	7.37	-	IS 3025- Part 11	-
8	Sulphate	36.22	mg/L	APHA 23rd Edn 4500 SO <sub>4</sub> E	-
9	Total Dissolved Solids (TDS)	500.00	mg/L	APHA 23rd Edn 2540 C	-
10	Total Suspended Solids (TSS)	8.00	mg/L	APHA 23rd Edn 2540 D	-
11	Total Hardness as CaCO <sub>3</sub>	290.00	mg/L	APHA 23rd Edn 2340 C	-
12	Carbonate as CaCO <sub>3</sub>	BQL (QL=2)	mg/L	APHA 23rd Edn 2320 B	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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Report Number: GGMPL/PN/1608D/22/01

Reporting Date : 19/08/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra




### SAMPLE DETAILS

Lab ID:	Lab/PN/1608D/22/01	Sampling Date:	08/08/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	10/08/2024
Sample Type:	Ground Water	Analysis Start Date:	10/08/2024
Sample Description:	GW of Zutting Mine guest house Borewell	Analysis End Date:	17/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
13	Bi Carbonate as CaHco3	350	mg/L	APHA 23rd Edn 2320 B	-
14	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
15	Boron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
16	Cadmium	BQL (QL=0.002)	mg/L	GGMPL/SOP/W & WW/46	-
17	Cobalt	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
18	Copper	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
19	Iron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
20	Lead	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
21	Nickel	BQL (QL=0.01)	mg/L	GGMPL/SOP/W & WW/46	-
22	Zinc	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
23	Nitrate	1.50	mg/L	APHA 23rd Edn 4500 NO3 B	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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## CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/1608D/22/02

Reporting Date : 19/08/2024

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Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



### SAMPLE DETAILS

Lab ID:	Lab/PN/1608D/22/02	Sampling Date:	08/08/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	10/08/2024
Sample Type:	Ground Water	Analysis Start Date:	10/08/2024
Sample Description:	GW of Handpump Near Z.P School Zutting	Analysis End Date:	17/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Alkalinity as CaCO <sub>3</sub>	350.00	mg/L	APHA 23rd Edn 2320 B	-
2	BOD at 27 oC for 3 days	8.00	mg/L	IS 3025-Part 44	-
3	Chemical Oxygen Demand (COD)	24.00	mg/L	APHA 23rd Edn 5220 B	-
4	Chloride	25.99	mg/L	IS 3025- Part 32	-
5	Conductivity	798.50	uS/cm	IS 3025- Part 14	-
6	Oil and Grease	BQL (QL=1)	mg/L	IS 3025- Part 39	-
7	pH at 25 °C	7.28	-	IS 3025- Part 11	-
8	Sulphate	BQL (QL=1)	mg/L	APHA 23rd Edn 4500 SO <sub>4</sub> E	-
9	Total Dissolved Solids (TDS)	498.00	mg/L	APHA 23rd Edn 2540 C	-
10	Total Suspended Solids (TSS)	9.00	mg/L	APHA 23rd Edn 2540 D	-
11	Total Hardness as CaCO <sub>3</sub>	360.00	mg/L	APHA 23rd Edn 2340 C	-
12	Carbonate as CaCO <sub>3</sub>	BQL (QL=2)	mg/L	APHA 23rd Edn 2320 B	-

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Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



### SAMPLE DETAILS

Lab ID:	Lab/PN/1608D/22/02	Sampling Date:	08/08/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	10/08/2024
Sample Type:	Ground Water	Analysis Start Date:	10/08/2024
Sample Description:	GW of Handpump Near Z.P School Zutting	Analysis End Date:	17/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
13	Bi Carbonate as CaHco3	350	mg/L	APHA 23rd Edn 2320 B	-
14	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
15	Boron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
16	Cadmium	BQL (QL=0.002)	mg/L	GGMPL/SOP/W & WW/46	-
17	Cobalt	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
18	Copper	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
19	Iron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
20	Lead	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
21	Nickel	BQL (QL=0.01)	mg/L	GGMPL/SOP/W & WW/46	-
22	Zinc	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
23	Nitrate	3.01	mg/L	APHA 23rd Edn 4500 NO3 B	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073

### SAMPLE DETAILS

Lab ID:	Lab/PN/1608D/22/03	Sampling Date:	08/08/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	10/08/2024
Sample Type:	Ground Water	Analysis Start Date:	10/08/2024
Sample Description:	GW of Handpump Near Hanuman Mandir Pipri Village	Analysis End Date:	17/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Alkalinity as CaCO <sub>3</sub>	250.00	mg/L	APHA 23rd Edn 2320 B	-
2	BOD at 27 °C for 3 days	8.00	mg/L	IS 3025-Part 44	-
3	Chemical Oxygen Demand (COD)	24.00	mg/L	APHA 23rd Edn 5220 B	-
4	Chloride	36.98	mg/L	IS 3025- Part 32	-
5	Conductivity	640.50	uS/cm	IS 3025- Part 14	-
6	Oil and Grease	BQL (QL=1)	mg/L	IS 3025- Part 39	-
7	pH at 25 °C	7.27	-	IS 3025- Part 11	-
8	Sulphate	32.93	mg/L	APHA 23rd Edn 4500 SO <sub>4</sub> E	-
9	Total Dissolved Solids (TDS)	400.00	mg/L	APHA 23rd Edn 2540 C	-
10	Total Suspended Solids (TSS)	9.00	mg/L	APHA 23rd Edn 2540 D	-
11	Total Hardness as CaCO <sub>3</sub>	300.00	mg/L	APHA 23rd Edn 2340 C	-

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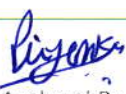


### SAMPLE DETAILS

Lab ID:	Lab/PN/1608D/22/03	Sampling Date:	08/08/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	10/08/2024
Sample Type:	Ground Water	Analysis Start Date:	10/08/2024
Sample Description:	GW of Handpump Near Hanuman Mandir Pipri Village	Analysis End Date:	17/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
12	Carbonate as CaCO <sub>3</sub>	BQL (QL=2)	mg/L	APHA 23rd Edn 2320 B	-
13	Bi Carbonate as CaHCO <sub>3</sub>	250	mg/L	APHA 23rd Edn 2320 B	-
14	Arsenic	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
15	Boron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
16	Cadmium	BQL (QL=0.002)	mg/L	GGMPL/SOP/W & WW/46	-
17	Cobalt	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
18	Copper	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-
19	Iron	BQL (QL=0.05)	mg/L	GGMPL/SOP/W & WW/46	-
20	Lead	BQL (QL=0.005)	mg/L	GGMPL/SOP/W & WW/46	-
21	Nickel	BQL (QL=0.01)	mg/L	GGMPL/SOP/W & WW/46	-
22	Zinc	BQL (QL=0.02)	mg/L	GGMPL/SOP/W & WW/46	-

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Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073

### SAMPLE DETAILS

Lab ID:	Lab/PN/1608D/22/03	Sampling Date:	08/08/2024
Sample Drawn By:	Laboratory Representative	Sample Receipt Date:	10/08/2024
Sample Type:	Ground Water	Analysis Start Date:	10/08/2024
Sample Description:	GW of Handpump Near Hanuman Mandir Pipri Village	Analysis End Date:	17/08/2024
Sample Quantity:	4 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
23	Nitrate	3.13	mg/L	APHA 23rd Edn 4500 NO3 B	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

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Analyzed By  
Priyanka Shrimali



*Manish*  
Authorized Signatory  
Manish Kumawat

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**ANNEXURE-IV**  
**NOISE LEVEL MONITORING DATA**

Sr. No.	Location	Mines Lease Boundary East		Mines Lease Boundary South		Mines Lease Boundary North		Mines Lease Boundary West	
	Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	Standard	75 (dB)	70 (dB)	75 (dB)	70 (dB)	75 (dB)	70 (dB)	75 (dB)	70 (dB)
1	<b>April-24</b>	59.2	53.2	61.2	54.3	58.2	52.3	56.3	51.9
2	<b>May-24</b>	60.2	52.4	61.4	54.9	59.6	53.7	55.4	51.8
3	<b>June-24</b>	61.2	55.2	63.4	51.4	61.9	48.9	62.4	57.1
4	<b>July-24</b>	53.8	52.1	54.2	51.7	53.2	51.8	54.4	51.2
5	<b>August-24</b>	54.5	51.8	54.4	51.4	53.7	52.2	53.8	51.6
6	<b>September-24</b>	53.9	51.2	54.4	51.4	53.6	50.9	52.9	52



**Head Office & Lab**

Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426  
Gujarat. INDIA

Mobile No : +91-7069072001

Email Id : lab@gogreenmechanisms.com

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Report Number: GGMPL/PN/407D/22/13

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra

Reporting Date : 21/05/2024



TC-7073

**SAMPLE DETAILS**

Lab ID: Lab/PN/407D/22/13  
Sample Drawn By: Laboratory Representative  
Sample Type: Soil  
Sample Description: Zutting Mine Pit  
Sample Quantity: 2 Kg  
Sample Condition: Satisfactory

Sampling Date: 10/05/2024  
Sample Receipt Date: 12/05/2024  
Analysis Start Date: 13/05/2024  
Analysis End Date: 20/05/2024  
Sampling Method: GGMPL/WI/27F  
Packing: Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Available Phosphorus	0.0067	mg/kg	GGMPL/SOP/SOIL/44	-
2	pH	7.02	-	IS 2720 (Part 26)	-
3	Conductivity	705.2	uS/cm	IS 14767	-
4	Iron	66025.64	mg/Kg	USEPA Method 3051A	-
5	Chloride	2497.97	mg/kg	GGMPL/SOP/SOIL/45	-
6	Organic Matter	0.57	%	IS 2720 (Part XXII)	-
7	Sodium	1172.09	mg/kg	USEPA Method 3051A	-
8	Total Kjeldahl Nitrogen	117.56	mg/kg	IS 14684	-
9	Water Holding Capacity	31.25	%	IS 14765	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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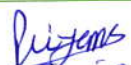
### SAMPLE DETAILS

Lab ID: Lab/PN/407D/22/13  
Sample Drawn By: Laboratory Representative  
Sample Type: Soil  
Sample Description: Zutting Mine Pit  
Sample Quantity: 2 Kg  
Sample Condition: Satisfactory

Sampling Date: 10/05/2024  
Sample Receipt Date: 12/05/2024  
Analysis Start Date: 13/05/2024  
Analysis End Date: 20/05/2024  
Sampling Method: GGMPL/WI/27F  
Packing: Sealed

Sr.No	Parameters*	Results	Unit	Test Method	Norm
1	Sulphate	20.00	mg/kg	IS 2720(Part 27)-1977 (RA 2015)	-
2	Phosphorus As P	BQL (QL=2)	mg/kg	GGMPL/SOP/SOIL/44	-
3	Nitrate	6.51	mg/kg	GGMPL/SOIL/SOP-57	-
4	Available Nitrogen	187.48	Kg/ha	IS 14684: 2005	-
5	Phosphate As PO4	3.61	mg/kg	GGMPL/SOP/SOIL/44	-
6	Exchangeable Calcium	75.68	meq/100gm	IS 5949: 2003	-
7	Available Potassium	120.28	kg/ha	USEPA Method 3051A	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
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Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073


### SAMPLE DETAILS

Lab ID: Lab/PN/1608D/22/13  
Sample Drawn By: Laboratory Representative  
Sample Type: Soil  
Sample Description: Zutting Mine Pit  
Sample Quantity: 2 kg  
Sample Condition: Satisfactory

Sampling Date: 08/08/2024  
Sample Receipt Date: 10/08/2024  
Analysis Start Date: 10/08/2024  
Analysis End Date: 17/08/2024  
Sampling Method: GGMPL/WI/27F  
Packing: Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	Available Phosphorus	BQL (QL=2)	mg/kg	GGMPL/SOP/SOIL/44	-
2	pH	7.25	-	IS 2720 (Part 26)	-
3	Conductivity	755.5	uS/cm	IS 14767	-
4	Iron	64365.23	mg/Kg	USEPA Method 3051A	-
5	Chloride	2237.29	mg/kg	GGMPL/SOP/SOIL/45	-
6	Organic Matter	0.67	%	IS 2720 (Part XXII)	-
7	Sodium	1106.93	mg/kg	USEPA Method 3051A	-
8	Total Kjeldahl Nitrogen	111.80	mg/kg	IS 14684	-
9	Water Holding Capacity	34.18	%	IS 14765	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Priyanka Shrimali



  
Authorized Signatory  
Manish Kumawat

--- End of Report ---

Page No : 1/1

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## CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/1608D/22/13A

Reporting Date : 19/08/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra


### SAMPLE DETAILS

Lab ID: Lab/PN/1608D/22/13  
Sample Drawn By: Laboratory Representative  
Sample Type: Soil  
Sample Description: Zutting Mine Pit  
Sample Quantity: 2 kg  
Sample Condition: Satisfactory

Sampling Date: 08/08/2024  
Sample Receipt Date: 10/08/2024  
Analysis Start Date: 10/08/2024  
Analysis End Date: 17/08/2024  
Sampling Method: GGMPL/WI/27F  
Packing: Sealed

Sr.No	Parameters*	Results	Unit	Test Method	Norm
1	Sulphate	18.63	mg/kg	IS 2720(Part 27)-1977 (RA 2015)	-
2	Phosphorus As P	BQL (QL=2)	mg/kg	GGMPL/SOP/SOIL/44	-
3	Nitrate	4.85	mg/kg	GGMPL/SOIL/SOP-57	-
4	Available Nitrogen	156.24	Kg/ha	IS 14684: 2005	-
5	Phosphate As PO4	2.94	mg/kg	GGMPL/SOP/SOIL/44	-
6	Exchangeable Calcium	72.33	meq/100gm	IS 5949: 2003	-
7	Available Potassium	112.52	kg/ha	USEPA Method 3051A	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Priyanka Shrimali



  
Authorized Signatory  
Manish Kumawat

--- End of Report ---

Page No : 1/1

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## Head Office &amp; Lab

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Gujarat, INDIA

Mobile No : +91-7069072001

Email Id : lab@gogreenmechanisms.com

## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/01

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073

### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/01	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Lease Boundary- Zutting Mine East (Core Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	55.31	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	27.08	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	15.17	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	21.46	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.08	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

*AB Patel*  
Analyzed By  
Aarmi Patel



*Manish Kumawat*  
Authorized Signatory  
Manish Kumawat

Page No : 1/1

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/01A

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra

### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/01	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Lease Boundary- Zutting Mine East (Core Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters*	Results	Unit	Test Method	NAAQ Standards
1	Free Silica	0.010	mg/m3	GGMPL/SOP/WZ/64	NS

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Aarmi Patel



  
Authorized Signatory  
Manish Kumawat

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/02

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78,Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra




TC-7073

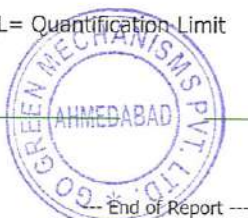
### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/02	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Lease Boundary- Zutting Mine West (Core Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	53.52	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	23.33	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	12.32	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	18.39	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.042	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit

  
Analyzed By  
Aarmi Patel



  
Authorized Signatory  
Manish Kumawat

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/02A

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra

### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/02	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Lease Boundary- Zutting Mine West (Core Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters*	Results	Unit	Test Method	NAAQ Standards
1	Free Silica	0.009	mg/m3	GGMPL/SOP/WZ/64	NS

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Aarmi Patel



  
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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/03

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra

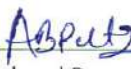


### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/03	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Lease Boundary- Zutting Mine North (Core Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	57.70	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	24.58	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	11.91	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	20.44	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.07	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Aarmi Patel



  
Authorized Signatory  
Manish Kumawat

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/04

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073

### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/04	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Lease Boundary- Zutting Mine South(Core Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	51.82	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	20.83	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	10.27	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	15.52	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.11	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

*AB Patel*  
Analyzed By  
Aarmi Patel



*Manish Kumawat*  
Authorized Signatory  
Manish Kumawat

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/05

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/05	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Nr Zutting Village (Buffer Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	53.38	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	24.58	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	12.69	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	16.38	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.09	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Aarmi Patel



  
Authorized Signatory  
Manish Kumawat

Page No : 1/1

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/06

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073

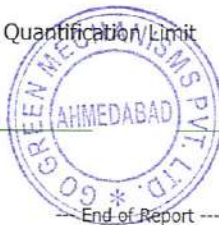
### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/06	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Nr Wanoja Village (Buffer Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	58.22	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	22.50	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	10.73	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	14.31	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.13	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

Analyzed By  
Aarmi Patel



Authorized Signatory  
Manish Kumawat

Page No : 1/1

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/07

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/07	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Nr Pipri Village (Buffer Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	51.53	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	22.91	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	8.17	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	16.67	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.10	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

Analyzed By  
Aarmi Patel



Authorized Signatory  
Manish Kumawat

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## CERTIFICATE OF ANALYSIS

Report Number : GGMPL/PN/1898D/22/08

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



### SAMPLE DETAILS

Lab ID:	Lab/PN/1898D/22/08	Sampling Start Date:	07/09/2024
Sample Drawn By:	Laboratory Representative	Sampling End Date:	08/09/2024
Sample Type:	Ambient Air	Sample Receipt Date:	09/09/2024
Sample Description:	Nr Naranda Village (Buffer Zone)	Analysis start- End Date:	10/09/2024-16/09/2024
Env. Cond.-Sampling:	Ambient Temperature	Total Sampling hours:	24
Env. Cond.-Sample Receipt:	Satisfactory	Env. Cond.-Testing:	25±5°C

Sr.No	Parameters	Results	Unit	Test Method	NAAQ Standards
1	Particulate Matter (PM10)	54.42	µg/m3	IS 5182- Part 23	100
2	Particulate Matter (PM2.5)	25.41	µg/m3	GGMPL/SOP/AA/60 Issue No.02 August 01	60
3	Sulphur Dioxide (SO2)	14.51	µg/m3	IS 5182-Part 2	80
4	Nitrogen Dioxide (NO2)	19.48	µg/m3	IS 5182- Part 6	80
5	Carbon Monoxide (CO)	1.09	mg/m3	IS 5182- Part 10	4

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

  
Analyzed By  
Aarmi Patel



  
Authorized Signatory  
Manish Kumawat

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## CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/1898D/22/09

Reporting Date: 17/09/2024

Dalmia Cement (Bharat) Ltd.

Zutting Lime Stone Mines 79, 64/A, 88/3, 87, 85, 17, 19, 20, 32, 34, 65 -  
78, Village Naranda, Taluka Korpana, District Chandrapur, Maharashtra



TC-7073

### SAMPLE DETAILS

Sampling Instrument : Sound Level Meter

Sampling Date:

07/09/2024

Sample By Laboratory Representative

Sample Description:

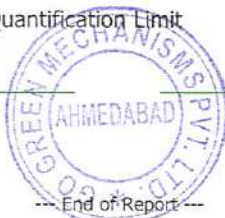
Source Noise

Sr.No	Lab Id	Location	Time	Unit	Test Method	Reading	Norms
1	Lab/PN/1898D/2 2/09A	Lease Boundry Zutting Mine East	Day Time	dB(A)Leq	IS 4758	53.9	-
2	Lab/PN/1898D/2 2/09B	Lease Boundry Zutting Mine West	Day Time	dB(A)Leq	IS 4758	52.9	-
3	Lab/PN/1898D/2 2/09C	Lease Boundry Zutting Mine North	Day Time	dB(A)Leq	IS 4758	53.6	-
4	Lab/PN/1898D/2 2/09D	Lease Boundry Zutting Mine South	Day Time	dB(A)Leq	IS 4758	54.4	-
5	Lab/PN/1898D/2 2/09A	Lease Boundry Zutting Mine East	Night Time	dB(A)Leq	IS 4758	51.2	-
6	Lab/PN/1898D/2 2/09B	Lease Boundry Zutting Mine West	Night Time	dB(A)Leq	IS 4758	52.0	-
7	Lab/PN/1898D/2 2/09C	Lease Boundry Zutting Mine North	Night Time	dB(A)Leq	IS 4758	50.9	-
8	Lab/PN/1898D/2 2/09D	Lease Boundry Zutting Mine South	Night Time	dB(A)Leq	IS 4758	51.4	-

NS=Not Specified, BQL=Below Quantification Limit, QL= Quantification Limit

AB Patel

Analyzed By  
Aarmi Patel



Manish Kumawat

Authorized Signatory  
Manish Kumawat

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## RAINWATER HARVESTING MEASURES



**Naranda Village (RWH-1)**



**Naranda Village (RWH-2)**



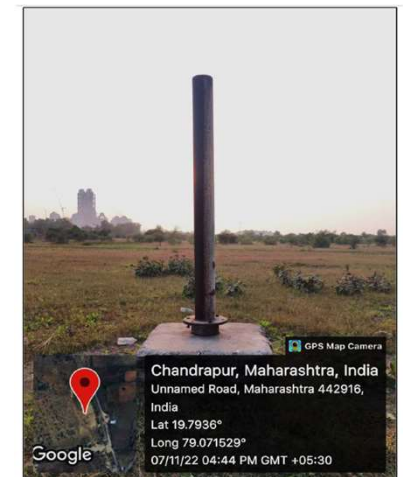
**Naranda Village (RWH-3)**



**Naranda Village (RWH-4)**



**Naranda Village (RWH-5)**



**Plant Site (RWH-6)**

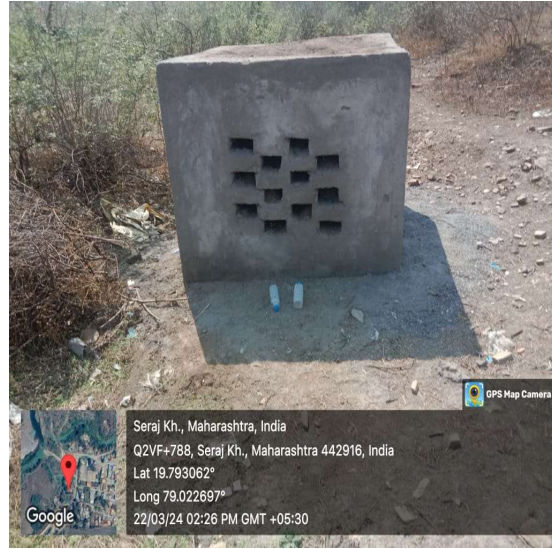




**Pimpri Village (RWH-7)**



**Pimpri Village (RWH-8)**



**Pimpri Village (RWH-9)**



**Loni Village (RWH-10)**



**Bori Navegaon Vill. (RWH-11)**



**Kadholi Kh Vill.(RWH-12)**



**Wanoja Village (RWH-13)**



**Wanoja Village (RWH-14)**





**Zutting Village (RWH-15)**



**Zutting Village (RWH-16)**



**Zutting Village (RWH-17)**



**Zutting Village (RWH-18)**



**Zutting Village (RWH-19)**



**Zutting Village (RWH-20)**



## DEEPENING OF POND NEAR NARANDA VILLAGE



**ANNEXURE-VIII**  
**YEAR WISE EMP EXPENDITURES DETAILS**

All Figures are in Rs. Lakhs

SN	Activity	FY 2022-23	FY 2023-24	FY 2024-25 (As on Sep-24)
1	Fugitive Dust Emission Control Measures	1.7	0	2.66
2	Environment Monitoring	1.4	49	1.26
3	Construction of Drainage for water management	0.4	0	0
4	Installation of water meter and Piezometer	0.0	4	0
5	Green Belt Development with Manpower cost	1.3	1.8	2.25
	<b>Sub Total</b>	<b>4.8</b>	<b>54.8</b>	<b>6.17</b>
	<b>Grand Total</b>	<b>65.77</b>		



**ANNEXURE-IX**  
**CSR EXPENDITURES**

SN	CSR Activities	CSR expenditures (in Rs Lakhs)				
		2020-21	2021-22	2022-23	2023-24	2024-25 (As on Sep-24)
1	Education	0	0.85	2.58	2.4	1.79
2	Health	0.29	9.61	0.53	0	0.093
3	Agriculture & Animal husbandry	0	2.5	9.3	18.35	3.47
4	Women empowerment & Vocational Trainings	0.01	0.04	1.57	0	4.72
5	Infrastructure Development	0	9.76	16.66	6.27	2.45
6	Event & day celebration	0.01	0.1	0.3	0.2	0
7	Plantation & Rain Water Harvesting	0	0	8.5	9.1	0.96
		<b>0.3</b>	<b>22.86</b>	<b>39.44</b>	<b>36.32</b>	<b>13.48</b>
<b>Grand Total</b>		<b>112.40</b>				

# PARIVARTAN

Chandrapur

Quarterly Issue (April to June 2024)

Village: 12 | Population: 11,253

Dear All,

**Greetings from Dalmia Bharat Foundation.**

We trust this note finds you well. It's with great pleasure that Dalmia Bharat Foundation (DBF) Team reflects on the incredible journey undertaken in the first Quarter of FY 25 and we are thrilled to share our collective achievements through the pages of our Quarterly CSR Magazine.

*-Team DBF, Chandrapur*

## Livelihood Initiatives

### Seed Treatment in Cotton & Soyabean

- Protects crops from seedborne diseases, encouraging higher germination rates and healthy plant growth.
- Reduces reliance on chemical fertilizers and spraying, lowering overall costs.
- Increases yield by **7-10% per hectare**.
- Benefited over **800 farmers**.



### Convergence: Goat Rearing training by R-SETI

- Conducted Goat Rearing Training in Naranda village for 35 participants.
- Following the training, an exam was held where all participants successfully passed the exam.
- Organized an exposure visit for trainees to a nearby goat unit in Chandrapur.
- Awarded training completion and exam certificates to the participants.
- R-SETI secured assurances to support participants in obtaining bank loans for their goat rearing businesses.



## Convergence: Seed drill machine.

- 5 farmers were benefited from the seed drill program. Suitable for sowing all types of seeds.
- Reduces sowing costs and minimizes labor requirements.
- Optimizes efficiency by completing tasks quickly and thoroughly.
- Ensures consistent plant spacing within and between rows
- It saves farmers Rs.3500 per annum



## Training on SHG Bank linkage

- Equipped SHG members with loan application skills for their business ventures.
- Training covered essential practices for loan eligibility, including consistent SHG meetings, on-time internal loan repayments, recordkeeping, understanding loan purposes and proper utilization, and efficient documentation processes.
- Empowered a total of **488 individuals** through the program.



## EDP-Microenterprise Training

- Empowered SHG members by providing training on diverse business opportunities.
- Utilized audio-visual aids to showcase successful microenterprises in various fields, including agarbatti making, cloth and vegetable sales, vermicelli production and packaging, goat rearing, and poultry farming.
- Motivated 100 SHG members to pursue goat rearing and poultry businesses.
- Program has benefitted a total of **460 individuals**.



## Dashparni Ark production & sale

- SHG launched Dashparni Ark production in April.
- SHG members have successfully produced 200 liters of Dashparni Ark.  
Effective for organic pest control in cotton, soybean, chili, and vegetables.
- This product reduces spraying costs for farmers and has the potential to increase yields by 1-1.5 quintals per acre
- Each household is expected to earn an annual income of **Rs. 15,000/-**

# GRAM PARIVARTAN PROJECT

(An action towards bringing change)



## Introduction

The Gram Parivartan Program was launched with the aim of providing livelihoods that are economically sustainable, ecologically responsible, and socially equitable. The objective is to foster sustainable economic progress within selected communities, where household chosen for participation is expected to achieve an additional annual income of **Rs. 1,00,000**. This can be achieved through individual or group interventions and can function independently or converged with government programs.



**2721**  
Households  
Mapped



**4361**  
Interventions  
Planned



**1742**  
Households  
with Additional  
Income



**11.28 Crore**  
Additional  
Income

### HH distributed in different Income slabs

<25K	25K-50K	50K-75K	75K-1L	>1L
152	596	330	110	554

### Location Demographic Profile:



Villages: 12



Households: 2738



Population: 11253

## SOCIAL INFRASTRUCTURE

### Road Repairing

- Responded to villagers' requests by repairing the road from Wanoja bus stand to the pump house.
- The project, completed with the assistance of the Mines Department, improves accessibility for farmers and their agricultural activities.
- 74 farmers were benefitted.



### Pipeline for drainage at village Sangoda (60m)

- Collaborated with the Mines Department to address drainage issues in Sangoda village.
- The joint efforts of DBF and the Mines team successfully resolved the drainage problem, eliminating the spread of dirty water and unpleasant odors around homes.
- Improved living conditions for **215 households**.



## Voter Awareness campaign & Booth decoration

- As instructed by the Honorable District Collector, we supported the Lok Sabha 1st phase election in Gadchandur by:
  - Conducting a voter awareness campaign.
  - Decorating two polling booths, which included displaying posters, banners with slogans, setting up selfie points, balloon decorations, and providing drinking water and breakfast for government staff.
- We are grateful for the appreciation received from the Honorable District Collector.



## CONVERGENCE WITH GOVERNMENT SCHEMES IN FY 24



Location: Chandrapur		Category	No. of Beneficiaries		
S.No	Scheme Name	Livelihoods/ Water/ Soil/ Social Infrastructure	Male	Female	Total
1	Goat Rearing Training by R-SETI, Chandrapur	Livelihood	2	33	35
2	Farmers workshop on Seed Treatment for cotton and soybean crop - Agricultural department	Livelihood	40	100	140
3	Mini Dal mill purchased under Pradhan Mantri Formalisation of Micro Food Processing Enterprises scheme	Livelihood	10	0	10
4	Vermicelli machine purchased under Pradhan Mantri Formalisation of Micro Food Processing Enterprises scheme	livelihood	0	10	10
			52	143	195

## Photo Gallery



One day farmers workshop organized with help of MAHABEEJ.



Microenterprises and bank linkage training



Vermi compost production by beneficiaries



Voter awareness in plant

## DALMIA BHARAT FOUNDATION

Unit: Dalmia Cement Bharat Ltd, Chandrapur Cement Works,  
Naranda, Ta-Korpana Dist-Chandrapur, Pin-442916



# NEWS LETTER *Of Chandrapur*

Dear All,

Greetings from Dalmia Bharat Foundation.

We trust this note finds you well. It's with great pleasure that Dalmia Bharat Foundation (DBF) Team reflects on the incredible journey undertaken in the Second Quarter of FY 2025, and we are thrilled to share our collective achievements through the pages of our Quarterly CSR Magazine

Team DBF,  
Chandrapur



Quarterly Issue (Jul 24 to Sep 24)

# PARIVARTAN

**12**  
Villages

**11,253**  
Population





# LIVELIHOOD & WATER INITIATIVES



## POWER SPRAY PUMP DISTRIBUTION



Power Spray Pump Distribution

- Power spray pumps with a 40-liter capacity were distributed to women farmers to support large-scale agricultural farming.
- A group of **10 women benefited** from this initiative, with each expected to earn an **annual income of ₹18,000**.

## HANDCART SUPPORT FOR VEGETABLE BUSINESS

- A vegetable handcart was provided to **Mrs. Kiran Gurnule from Naranda village**, with the inauguration ceremony attended by members of the Sakhiya Ladies Club and local leaders.
- The beneficiary is expected to **earn an annual income of ₹1,00,000 from this initiative**.



Handcart Support For Vegetable Business

## DRUMSTICK SEED DISTRIBUTION



Drumstick Seed Distribution

- Drumstick seeds were distributed to SHG members for kitchen gardens and bund plantation, offering high nutritional value and strong market demand.
- A total of **190 beneficiaries** received these seeds, with each expected to earn an additional **annual income of Rs.5900**.





# GRAM PARIVARTAN

An action towards bringing change



## INTRODUCTION



12

Villages

2738

Households

11253

Population

The Gram Parivartan Program was launched with the aim of providing livelihoods that are economically sustainable, ecologically responsible, and socially equitable. The objective is to foster sustainable economic progress within selected communities, where household chosen for participation is expected to achieve an additional annual income of Rs. 1,00,000. This can be achieved through individual or group interventions and can function independently or converged with government programs.

2713

Households  
Mapped

5231

Interventions  
Planned

1652

Households with  
Additional  
Income

### HH DISTRIBUTED IN DIFFERENT INCOME SLABS

<25K	25K-50K	50K-75K	75K-1L	>1L
78	489	347	204	534

## CASE STUDY

### Empowering Livelihoods through Entrepreneurship

Dalmia Bharat Foundation supported Mrs. Vandana Vangane from Naranda village by providing her with a handcart and a free space to start her pani-puri business. As a landless individual, Mrs. Vangane previously relied on wages from agricultural labor for her income.

Following our intervention, she now earns between ₹300 and ₹400 daily. This has resulted in an additional annual income of ₹106,000, significantly improving her financial situation and livelihood.







SCHOOL UNIFORM DISTRIBUTION

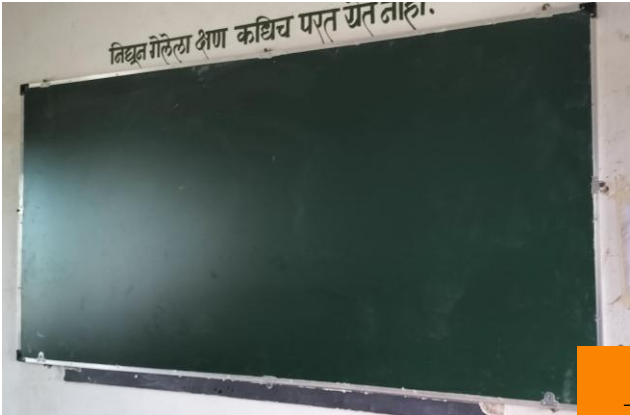


School Uniform Distribution

On Independence Day, school uniforms were distributed to **45 students from 1st to 4th grade at Z.P. School Vanoja**, supporting their educational needs.

GREEN BOARD DISTRIBUTION TO SCHOOL

In response to renovation efforts, **six green boards** were provided to **Adarsh Kisan Vidyalaya & Jr. College in Naranda**, benefiting **540 students** by enhancing their classroom environment.



Green Board Distribution To School

CONVERGENCE  
TABLE (Apr – Sept 2024)

S.NO	SCHEME NAME	CATEGORY	NO. OF BENEFICIARIES		
		LIVELIHOODS/ WATER/ SOIL/ SOCIAL INFRASTRUCTURE	MALE	FEMALE	TOTAL
1	Goat Rearing Training by R-SETI,Chandrapur	Livelihood	2	33	35
2	Farmers workshop on Seed Treatment for cotton and soybean crop - Agricultural department	Livelihood	40	100	140
4	Vermicelli machine purchased under Pradhan Mantri Formalisation of Micro Food Processing Enterprises scheme	Livelihood	0	10	10
5	Seed drill Machine (Hand operated ) distribution on 50% subsidy from govt. agency:	Livelihood	5	0	5
6	Pheromone & sticky trap distribution: No. of beneficiary:90 farmers	Livelihood	31	59	60
7	Integrated Pest Management training by block Agril. dept	Livelihood	181	64	245
8	Mukyamantri Ladki bahin	Livelihood	0	700	700
9	PM Kisan Samman Nidhi	Livelihood	1877	0	1877
10	Sanitory pad distribution an health initiative by PHC Naranda	Social Infra	167	60	60
11	Ayushyman Bharat	Social Infra	195	179	374
12	SHG bank linkage	Livelihood	0	767	767
Total			2498	1972	4273

## HEALTH

1. Total 6250 Mask distributed directly to frontline health workers, in 13 Gram Panchayat, 2 Nagar Panchayat, 2 Police station, 2 Rural Hospital
2. Covid Vaccination Drive: DBF supports in mobilization and registration of villagers to PHC Naranda & PHC Kawthala for Covid Vaccination Drive: Till date we have covered 6806 people to get vaccinated – Covered 10 villages: 1. Naranda, 2. Vanoja, 3. Sangoda, 4. Kadholi, 5. Asan B. K, 6. Antargaon, 7. Zutting, 8. Pimpalgaon, 9. Gadchandur, 10. Loni
3. Support in Covid Vaccination drive to District administration: 100000 Auto Disable (A.D) Syringe (0.5 ml) hand over to District Health Officer
4. Felicitation of frontline Health worker of PHC Naranda and PHC Kawthala by Unit Head-MIL-DCBL, HR-Head.
5. Vehicle Support for one month to SDO office, Primary Health Center Naranda to mobilize staff, vaccine distribution and for door to door vaccination in our project villages. Covered 2 PHC and 1 PHC subcenter
6. **Free health Check-up Camp**  
Organized Two free health Checkup camp (B.P, Sugar, oral cancer, gynec related diseases etc.) at Sangoda and Antargaon village in association with PHC Kawthala and Tata Trust Chandrapur.  
Total beneficiary:  
1. Sangoda: 107  
2. Antargaon: 114  
Blood Donation Camp at Vanoja Village, Naranda Village and kadholi kh
7. Organized the TB Orientation program to women SHG members at Naranda in association with The Union Organization, Taluka Health Department and PHC Naranda. Total 78 members present in the program. No. of villages covered: 2
8. Health Check-up Camp: Organized health checkup for pregnant women, counselling and treatment camp of B.P, Sugar, cancer at PHC Sub-Center Antargaon. Total beneficiaries 70.
9. PHC Naranda & Dalmia Bharat Foundation Naranda organized free health check-up camp at PHC Naranda under govt. health campaign of “Safe Mother-Safe home”. Taluka health officer Korpana Total beneficiary of the health camp 175. Protein powder distribution to 68 pregnant women done in this program
10. PHC Sub center Antargaon & Dalmia Bharat Foundation Naranda organized “Arogya Melava” at Sangoda for counselling, personal hygiene, disease, symptoms, treatment, nutrition and awareness about schemes for pregnant women.
11. Dalmia Bharat Foundation as Ni-kshay Mitra distributed the Nutrition Kit to two identified T.B patients under the “ Pradhan Mantri T.B Mukht Bharat Abhiyan ” at PHC Naranda. DBF will support the patient upto six month.











## SOCIAL INFRASTRUCTURE

**1. Installation of 20 solar street lights in 5 villages:**

- 1.Sangoda
- 2.Vanoja
- 3.Antargaon
- 4.Kadholi kh
- 5.Pipari

**2. Two High mast Light at Naranda**

**3. Village Pond Development**

Size of the Pond: Length-400 ft. Breadth-170 ft. Depth- 5ft.  
Excavated 5 ft. more. Now Total depth 10ft

**4. Sitting cement benches for community at Vanoja village**

**5. Safe Drinking Water Facility:** Installation of RO Unit & Construction of RO Shade at Vanoja village and 60 LPH RO installed at PHC Naranda

No. of beneficiaries impacted: 180 House Holds

No. of villages covered: 2

**6. E-Learning kit setup & Installation done at 4 School and 2 Anganwadi**

**7. 2 LPG Gas cylinder and Shegdi provided to Anganwadi at Sangoda village: Support to mid-day meal cooking at Anganwadi.**

**8. Beautification of village Entry Gate Sangoda**

**9. Beautification of Sites: 1. Paver block fixing at Z.P School vanoja 2. Community hall Naranda 3. Z.P school Pipari**

**10. Construction of 20 Nos Rain water recharge structures in nearby villages**















### AGRICULTURE & ANIMAL HUSBANDRY

1. Dalmia Bharat Foundation and Taluka Agriculture department Korpana jointly organized Soyabean seed treatment demonstration program prior seed sowing (kharip season) at Antargaon & Vanoja project villages.  
No. of beneficiaries impacted: 75, No. of villages covered: 2 (Antargaon & vanoja)
2. Demonstration on Dashparni ark making for organic pest control method to SHG women farmer at Naranda. useful for spraying on cotton, soyabean, vegetables. It will help farmers to reduce the input cost. SHG farmers also planned to marketing of the products at minimum cost. Total 10 SHG women farmer participated in the program.
3. Veterinary animal health checkup camp: 1. Naranda, 2. Vanoja, 3. Sangoda, 4. Antargaon, 5. Kadholi kh
4. Dalmia Bharat Foundation and Veterinary department jointly conducted veterinary camp at Antargaon, Sangoda, Vanoja, Kadholi kh, Pipari, Naranda village in Korpana block.  
Total cattles 450 in which 320 cattles (Cow, Bullock, buffalo) & 130 Goats treated through this camp.  
Knapsack Power Spray Distribution to farmers:  
No. of villages covered: 4, No. of beneficiary farmer: 200, Beneficiary contribution: 40%





## EDUCATION

1. Today DBF & NIIT foundation started CCFL (Certificate Course in Financial Literacy) batch at Adarsh Kisan Vidyalaya & Jr. college Naranda.  
24 students enrolled for the course.
2. E-Learning kit setup & installation in 15 Anganwadi under Digital Anganwadi Initiative  
No. of Villages covered:13, No. of students covered: 260
3. Library Development Support:  
Village: 1. Sangoda 2. Kadholi kh 3.Antargaon
4. Organized Self Defence Training Program at Adarsh Kisan Vidyalay & Jr. college Naranda.  
Total 150 students participated in the program
5. Celebration of Azadi Ka Amrit Mahotsav (theme-Mehandi)
6. Safety Week Celebration at School Naranda/sangoda









## ENVIRONMENTAL AWARENESS

**Plantation: Sites:1. Vanoja Road, 2. Kadholi kh Road, 3. Naranda Bus stand to PHC road 4. PHC Naranda**



## SKILLS & LIVELIHOOD

1. "Entrepreneurship Development training program" in nearby villages for women SHG members & for girls. like Bakery products making training, Fast food, Pickle & Papad, poultry etc.  
Total 120 women members participated in the program.  
Total villages covered:5
2. Micro-enterprises: Vermicelli making group activity  
No. of Beneficiary: 10  
Name of SHG- Vedanti SHG, Name of Village: Naranda
3. Micro-enterprises: Nursery Development at Naranda
4. Micro-enterprises: Paper Plate (disposable) making group activity: Antargaon  
DBF supported to purchase raw material  
No. of Beneficiary: 10  
Name of Village: Antargaon



5. Strive-Skill Strengthening for Industrial Value Enhancement
6. Azolla bed distribution to farmers
7. Vermicompost bed distribution to farmers
8. Linseed crop cultivation
9. Nutrition kit support to TB patient
10. 5 KW solar unit installation at chunala orphanage
11. Oranic pest control-Dashparni ark sale by Shg







