



Ref. HIL/SBM/MoEF&CC/75/2026

Date: 20-05-2026

To,

**The Director General of Forest (C),  
Ministry of Environment & Forest and Climate Change,  
Integrated Regional Office,  
Ground Floor, Aranya Bhawan, North Block,  
Sector-19, Naya Raipur, Atal Nagar,  
Chhattisgarh-492002  
Email: [iro.raipur-mefcc@gov.in](mailto:iro.raipur-mefcc@gov.in)**

**Sub: - Sub: -** Status of compliance of EC condition (Half yearly status of compliance report) in respect of Samri Bauxite Mine (Lease area- 2146.746 Ha.) of M/s Hindalco Industries Limited of Chhattisgarh state for the period from October 2025 – March 2026.

*Ref No: - Environment Clearance Letter No-J-11015/353/2007-IA. II (M) dated July 27, 2007*

**Dear Sir,**

We do herewith submit half yearly status of EC compliance report in respect of Samri Bauxite Mine. Lease area - 2146.746 Ha. of M/s Hindalco Industries Limited P.O- Kusmi, Dist.- Balrampur- Ramanujanj, Chhattisgarh state, PIN-497224 for the period from October 2025 – March 2026. The lease details is as below:-

Lease area	Production Capacity	Lease Period
2146.746 Ha.	500000 Tonnes	24.06.1998 to 23.06.2048 (50 years)

We trust that the measures taken towards environment safeguard comply with the stipulated environmental conditions. We assure that we comply all the conditions laid down in the consent letter and abide to follow all the Rules and Regulations.

Thanking you.

Yours's faithfully

For, Hindalco Industries Limited

(Rajesh Rathore)  
Head- Mines

Encl.: As Above

cc: [moef.ddn@gmail.com](mailto:moef.ddn@gmail.com); [apccfcentral-ngp-mef@gov.in](mailto:apccfcentral-ngp-mef@gov.in); [eccompliance-cg@gov.in](mailto:eccompliance-cg@gov.in); [cpcb.bhopal@gov.in](mailto:cpcb.bhopal@gov.in);  
[hocecb@gmail.com](mailto:hocecb@gmail.com);

<b>Name of the Project</b>	<b>: Samri Bauxite Mines (2146.746 Ha. Capacity-5.00 LTPA), M/s Hindalco Industries Ltd</b>
<b>Environment Clearance No &amp; date</b>	<b>: J-11015/353/2007 – IA.(IIM) dated 27.07.2007</b>
<b>Period of compliance Report</b>	<b>: 1<sup>st</sup> October' 2025 to 31<sup>st</sup> March' 2026</b>

#### **A. Specific Conditions**

**Condition-1:** Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority.

**Reply to Condition 1:** The Wildlife Management plan has been prepared and approved by competent Authority vide letter no. 12-13-2967 dated 07.10.2013. The copy attached as *Annexure A*.

**Condition-2:** Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ petition (Civil) No. 460 of 2004 as may be applicable to this project.

**Reply to Condition 2:** We agreed to the condition.

**Condition-3:** Conservation plan for Schedule-I fauna shall be prepared in consultation with Wildlife Department and submitted to the ministry for record.

**Reply to Condition 3:** The Conservation plan for Schedule-I fauna have been prepared and approved by competent authority submitted to ministry. The detail list of flora and fauna along with the approved conservation plan is attached as *Annexure B*.

**Condition-4:** A comprehensive report on the details of land oustees, their socio- economic profile and action plan for their rehabilitation including formation of self-help group who can facilitate promotion of economic opportunity to local indigenous people shall be submitted to the Ministry for record.

**Reply to Condition 4:** To encourage and improve local economics company has taken several initiative programme, where local people are being trained to perform different activities viz, making of soaps, detergents, candles, making of leaf plates etc. Under CSR activities SHG groups are formed, in total there are 21 nos. of SHGs and 212 Beneficiaries who are directly engaged in income generation activities. *Detailed list of SHG is enclosed as Annexure C.*

**Condition-5:** Topsoil, if any shall be stacked properly with proper slope with adequate safeguards and shall be backfilled (wherever applicable) for reclamation and rehabilitation of mined out area.

**Reply to Condition 5:** The topsoil generated during mining operation is being concurrently spread on backfilled area to restore its original forms immediately. However, when required it is stacked properly with proper slope followed by parapet wall to prevent sliding.



### **Backfilling & reclamation process**

**Condition-6:** Over burden (OB) shall be stacked at earmarked dump site (s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 30 m, each stage shall preferably be 10 m and over all slope of the dump shall not exceed  $28^{\circ}$ . The OB dump shall be backfilled. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests on six monthly basis.

**Reply to Condition 6:** Presently there is no active OB dump at mines. As per approved Mining Plan OB generated during mine operation is being utilized for concurrent back filling of the mined-out area for reclamation purposes. Small old inactive OB dump of an area of 1.66 Ha. has been stabilized by vegetation with suitable native species to prevent erosion and surface run off. Garland drain with check dam have been provided to arrest silt and sediments flowing from above mentioned OB dump.



### **Plantation in Old OB Dump**

**Condition-7:** Garland drains shall be constructed to arrest silt and sediment flows from soil and mineral dump. The water collected shall be utilized for watering the mine area, roads, greens belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.

Garland drain size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based

on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garlands drains and desilted at regular intervals.

**Reply to Condition 7:** Garland drains approx. 200m long along with retaining wall of appropriate size (1m height x 0.5m width x 250m length) and gradients have been made around the active mining pits coupled with silt arrestor to arrest the silt from run-off and drains are being maintained and desilted at regular intervals before monsoon. The Water is being collected in the sump and used for plantation & sprinkling in the Haul Road. A sump for Rainwater Harvesting Pond of adequate capacity has also been developed.



***Photographs of garland drains and parapet wall***

**Condition-8:** Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.

**Reply to Condition 8:** The slope of Mining bench is maintained approx. 45° and the height 3-4m and ultimate pit is being maintained as per provision of approved mining scheme. We also ensure that within this pit limit we can mine the deposit economically and safely.

**Condition-9:** Drilling and blasting (if any) shall be conducted by using dust extractors/wet drilling.

**Reply to Condition 9:** Cabin mounted Wet drilling machine is being used in drilling operations. To encourage dust free mineral extraction and reduce the dust emission due to blasting we have also introduced X-centric ripper instead of blasting wherever applicable.



***Photographs of Wet Drilling X-centric ripper***

**Condition-10:** Plantation shall be raised in 53.87 ha of the ML area, haul roads, 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/Agriculture Department. Herbs and shrubs shall also form a part of afforestation program besides tree plantation. The density of the trees shall be around 2500 plants per ha. The company shall involve local people with the help of self-help group for plantation.

**Reply to Condition 10:** We have already reached the target area asked for plantation. However, we are continuing the plantation to restore biodiversity. From April' 25 to March' 26, total 24295 nos. of saplings have been planted over an area of 8.086 Ha. and till now about 179.811 Ha area has been afforested with approx. 436250 nos. of saplings. The plantation in reclaimed area is carried out as per plan and being carried out as suggested by local government authorities. The density is being maintained at about 2500 saplings per hectare with species like Karanj, Arjun, Gulmohar, Bamboo, Pear, Jamun, Amla, Guava, etc. Apart from this, tea plantation project has been started in Samri with a focus on local economic development. To continue it as a social initiative we planted 16,000 tea saplings on 2 Ha of reclaimed land as a pilot project and will move further on broader aspects once the project becomes successful and will be dedicated to local villagers for improving their economic status. Social forestry is also being encouraged among the local villagers. Year wise plantation is enclosed as **Annexure D**.



### **Sapling Development in nursery and reclamation by plantation**

**Condition-11:** The project authority shall implement suitable conservation measures to augment ground water recharging in the area in consultation with the Regional Director, Central Ground Water Board.

**Reply to Condition 11:** Six nos. of rainwater harvesting Ponds of an area approx. 7.9 Ha. and well of size 5ft. x 10ft. have been constructed as conservation measures in mined out area for the conservation/augmentation of ground water resources. This further adds to Water Credit of the lease area.



### **Rainwater Harvesting**

**Condition-12:** 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 may be sent regularly to MOEF, Central Ground Water Authority and Regional Director Central Ground Water Board.

**Reply to Condition 12:** Ground water quality monitoring is being carried out on quarterly basis. The analysis reports are being submitted to CECB, Raipur. Regular monitoring of ground water level is being carried out by piezometer installed at strategic location in the lease area and is found below the level of mining operation. The ground water Quality report and the GW level data is attached in *Annexure E*.

**Condition-13:** Prior permission from the competent authority shall be obtained for drawl of ground water, if any.

**Reply to Condition 13:** Ground water NOC has been obtained from CGWA vide letter no. NOC/MIN/CG/2025/1744/R-3/3 dated 25.03.2025 with validity up to 28.04.2027. Also, digital water meters with telemetric system have been installed in the lease area at strategic location for monitoring water consumption. The GW NOC copy attached as *Annexure-F*.

**Condition-14:** Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation ores and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of minerals. 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.

**Reply to Condition 14:** Regular and periodic maintenance of HEMM is being carried out for control of vehicular emission in mines area. The bauxite ore are transported in trucks with tarpaulin cover up to EUP/Railway siding to prevent dust emission. Vehicles used for transportation have valid permits and PUC. No overloading of ores for transportation is allowed to prevent spillage of material.



**Covered Transportation of Ores**

**Condition-15:** A Final Mine Closure Plan, along with details of Corpus Fund, shall be submitted to the Ministry of Environment & Forests, 5 years in advance of final mine closure for approval.

**Reply to Condition 15:** We accept the condition. A progressive mine closure plan approved by IBM is in place. IBM is competent authority to approve the final mine closure plan. The mine lease is valid till 23.06.2048. Final Mine closure plan along with details of Corpus fund will be submitted within prescribed timelines in accordance with law to competent authority.

## **B. General Conditions**

**Condition-1:** No change in mining technology and scope of work shall be made without prior approval of the Ministry of Environment & Forests.

**Reply to Condition 1:** Presently there is no change in technology. In future, when required prior permission will be taken from the approval authority.

**Condition-2:** No change in the calendar plan including excavation, quantum of mineral bauxite ore shall be made.

**Reply to Condition 2:** Calendar plan (IBM Approved Mining Plan/scheme) prepared for the mine is being followed.

**Condition-3:** Conservation measures for protection of flora and fauna in the core and buffer zone shall be drawn up in consultation with the local forest and wildlife department.

**Reply to Condition 3:** Company has already deposited Rs.1.6 crore to competent authority for the implementation of measures for the protection of flora and fauna under approved wildlife conservation plan. The suggestions of local forest department are being implemented for conservation of flora and fauna in and around lease hold area. Important measure being implemented for conservation of flora and fauna are as follows.

- a) Company has provided solar LED torch and florescent Jackets to Staff of forest department, Ambikapur for patrolling and monitoring the movement of wildlife, encroachment, cutting, poaching, fire etc.
- b) Veterinary camp is being conducted for immunization of cattle with the help of block veterinary staff.
- c) Awareness program related to wildlife conservation is being conducted.
- d) Eco-development activities like poultry, piggery, bee keeping etc. are being organized.
- e) Controlled blasting is being carried out to reduce vibration and noise. Such operation is being carried out in daytime only and its use is minimized.
- f) Plantation is regular activity along with the development of greenbelts all around the Lease Area.
- g) “Aditya Udyan” has been developed on 2.6 Ha. of Reclaimed land and a wide variety of fruits saplings like Mango, Guava, Litchi and pears are planted along with a centrally developed Rose Garden.

- h) Integrated Fish Farming has been started at Aditya Udyan, Gopatu in Samri operational area and 25000 fish spawns have been released, with an objective to help the local communities for diversification of Income Sources. This has been done in consultation with Govt. body.
- i) With a vision on sustainability, we have also developed a BioPak that transcends the bounds of traditional parks. With 15 acres of reclaimed mined land this please is a testament to the resilience of nature and a beacon for the future. This has been developed with an objective of Economic development, Environmental education, Health and recreation and a place for community engagement and further to pave way for Mine tourism – an upcoming concept of time.
- j) We have also carried out plantation outside our lease area in various School, NGOs etc. on special occasion as an initiative to spread awareness about the importance of afforestation.



**Aditya Udyan**



**Samri Bio-Park**

**Condition-4:** Four ambient air quality-monitoring stations shall be established in the core zone as well as in the buffer zone for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>, monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Board.

**Reply to Condition 4:** Ambient Air quality monitoring stations have been established at strategic locations in the core as well as buffer zone, and the monitoring is being carried out as per guidelines. For this purpose, we have engaged NABL accredited laboratory M/s. Anacon Laboratories Pvt. Ltd. for conducting regular environmental monitoring. Analysis Report (from October' 25 to March' 26) is enclosed as *Annexure-G*.

**Condition-5:** Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, and NO<sub>x</sub>) should be regularly submitted to the Ministry including its Regional Office located at Bhopal and the State Pollution Control Board / Central Pollution Control Board once in six months.

**Reply to Condition 5:** Data of ambient air quality (RPM, SPM, SO<sub>2</sub>, and NO<sub>x</sub>) are being submitted to Ministry and CECB on half yearly basis as per guidelines. Data of ambient air quality (RPM, SPM, SO<sub>2</sub> and NO<sub>x</sub>) from October' 25 to March' 26) is enclosed as *Annexure-G*.

**Condition-6:** Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangements on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.

**Reply to Condition 6:** Wet drilling, regular water spraying with 12 KL portable water tanker in the mine lease hold area is being carried out regularly to control the fugitive emission at source. Rainwater collected into the mine pit is being utilized for dust suppression purposes. Black top road has been constructed up to pit head to reduce dust emissions.



**Water Sprinkling in haul road**



**Black top Road to the mines**

**Condition-7:** Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs.

**Reply to Condition 7:** The noise level in working area is being maintained below the prescribed limit. As protective measures, workers engaged in operations of HEMM, etc. is being provided with ear plugs / muffs. The proper maintenance of HEMM is being carried out to control noise emission.



### **Plantation for Noise Acoustic barrier**

**Condition-8:** Industrial wastewater (workshop and wastewater 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 amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.

**Reply to Condition 8:** There is no wastewater generated from the mining operation. So, there is no liquid discharge from mine. Wastewater generated from the workshop is being treated in the Oil & grease separation pit and the water after treatment is being used in dust suppression in the haul road.

**Condition-9:** Personal working in dusty areas shall be provided with protective respiratory devices, and they shall also be imparted adequate training and information on safety and health aspects.

**Reply to Condition 9:** Company has provided adequate personal protective equipment to all workers, and it is also ensured that they use the same. Regular awareness training are also being imparted to them for safety & health in our Group vocational training Centre as per guidelines.

All employees working in our mining lease area undergo IME/PME at regular interval to observe any contractions due to exposure to dust and other occupational hazards.

**Condition-10:** Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

**Reply to Condition 10:** Periodical and Initial medical examination of all workers are being carried out as per provision of Mines Act. IME is carried out during the joining of the candidate and the PME is carried out in every 3 years.

**Condition-11:** A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the Organization.

**Reply to Condition 11:** Environment cells is already in place at Samri Mines Division headed by Head (Mines) and comprises of suitable qualified persons. Constitution of Environment Management cell is enclosed in *Annexure-H*.

**Condition-12:** The project authorities shall inform the Regional Office of the Ministry located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

**Reply to Condition 12:** The requisite documents have been submitted to the regional office of the Ministry, Bhopal before commencement of development & operation in 1999. However, as the current regional office has changed to Raipur region, we have already resubmitted the information to the IRO Raipur vide letter no. HIL/SBM/MoEF&CC/1202/2024, dated 20-03-2024.

**Condition-13:** The funds earmarked for environmental protection measures shall be kept in separate account and should not be diverted for other purpose. Year wise expenditure shall be reported to the Ministry and its Regional Office located at Bhopal.

**Reply to Condition 13:** Adequate fund provision is already earmarked for environmental protection measures and will not be diverted to other purposes. The year-wise expenditure is being submitted to concerned authorities as per guidelines.

The copy of environment expenditure is enclosed as *Annexure J*.

**Condition-14:** The project authorities shall inform the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development.

**Reply to Condition 14:** The requisite documents have been submitted to the regional office of the Ministry, Bhopal before commencement of development & operation in 1999. However, as the current regional office has changed to Raipur region, we have resubmitted the information to the IRO Raipur vide letter no. HIL/SBM/MoEF&CC/1202/2024, dated 20-03-2024.

**Condition-15:** The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/ monitoring reports.

**Reply to Condition 15:** All cooperation is being extended to regulatory authorities.

**Condition-16:** A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.

**Reply to Condition 16:** We have forwarded the copy of clearance letter to Gram Panchayat of Samri, Gopatu, Amtahi vide letter no. HIL/CECB/37/EXP/07-08 on 13-08-2007. The copy of same has already been submitted to your good office.

**Condition-17:** State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's office for 30 days.

**Reply to Condition 17:** The copy has been displayed by CECB in Surguja Collectorate.

**Condition-18:** The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at <http://envfor.nic> and a copy of the same shall be forwarded to the Regional Office of this Ministry located Bhopal.

**Reply to Condition 18:** The information regarding environment clearance has been published in two local newspapers Hari Bhumi & Ambika Vani. The copy of same has been already submitted to your good office. News paper clip is enclosed in *Annexure I*.

**Condition-19:** The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further conditions in the interest of environmental protection.

**Reply to Condition 19:** Noted.

**Condition-20:** Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**Reply to Condition 20:** Noted.

**Condition-21:** The above conditions shall be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

**Reply to Condition:** Noted.

पर्यावरण संरक्षण एवं वन संरक्षण (वन्‍यप्राणी संरक्षण एवं वन संरक्षण)  
 संरक्षण एवं मुख्य वन्‍यप्राणी अंशरक्षण, छत्तीसगढ़  
 अरण्‍य भवन, मेडिकल कॉलेज रोड, रायपुर

वेबसाइट - pccfwl@nsrfy.com

टेलीफोन 0771-2552228, फोन 0771-2552227

क्रमांक/व.प्र./प्रव-12/13/2767

रायपुर दिनांक 07/10/2013

प्रति,

संचालक,  
 इन्‍व्‍यायरमेंट क्लीयरेंस सेल  
 भारत सरकार, वन एवं पर्यावरण मंत्रालय,  
 पर्यावरण भवन, सी.जी.ओ. कॉम्प्लेक्स,  
 लोधी रोड, नई दिल्ली-111003

विषय :- छत्तीसगढ़ के बलरामपुर जिले (तत्कालीन सरगुजा जिला) में स्थित सामरी बॉक्साइट  
 माईन्स, कुदाग बॉक्साइट माईन्स एवं टाटीझरिया बॉक्साइट माईन्स की क्षमता बढ़ाये हेतु  
 इन्‍व्‍यायरमेंट क्लीयरेंस।

- संदर्भ:-
1. पर्यावरण व वन मंत्रालय, भारत सरकार का पत्र क्रमांक J-11015/353/2007-IA.II(M) दिनांक 27 जुलाई 2007.
  2. पर्यावरण व वन मंत्रालय, भारत सरकार का पत्र क्रमांक J-11015/337/2007-IA.II(M) दिनांक 27 जुलाई 2007.
  3. पर्यावरण व वन मंत्रालय, भारत सरकार का पत्र क्रमांक J-11015/337/2007-IA.II(M) दिनांक 9 अगस्त 2007.

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कृपया आपके उपरोक्त संदर्भित पत्रों का अवलोकन करने का कष्ट करें। जिसके द्वारा बलरामपुर जिले  
 (पुराने सरगुजा जिले) के सामरी बॉक्साइट खुली खदान (1 LTPA) की क्षमता बढ़ाकर (5LTPA) करने, कुदाग बॉक्साइट  
 खदान (0.4 LTPA) की क्षमता बढ़ाकर (0.6 LTPA) करने तथा टाटीझरिया बॉक्साइट खदान (0.5 TPA) की क्षमता बढ़ाकर  
 (4 TPA) करने के परियोजना प्रस्ताव के संबंध में वन्‍य प्राणी (संरक्षण) अधिनियम, 1972 के तहत अनुसूची-1 के वन्‍यप्राणियों  
 हेतु "वन्‍य प्राणी संरक्षण व प्रबंधन योजना" तैयार की जाकर इस कार्यालय की सहमति दिये जाने का लेख किया है।

1. विषयांकित परियोजना हेतु खदान के लीज के अनुबंध दिसंबर 1996 एवं जून 1998 में हस्ताक्षरित  
 हुये थे। सामरी क्षेत्र में भारत सरकार पर्यावरण व वन मंत्रालय के आदेश क्रमांक J-11015/353/2007-  
 IA.II/M दिनांक 27 जुलाई, 2007 द्वारा 2146.746 हे. में, कुदाग क्षेत्र में भारत सरकार पर्यावरण व वन  
 मंत्रालय आदेश क्रमांक J-11015/354/2007-IA.II/M दिनांक 27 जुलाई 2007 द्वारा 377.116 हे. में, तथा  
 टाटीझरिया में भारत सरकार पर्यावरण व वन मंत्रालय के आदेश क्रमांक J-11015/337/2007-IA.II/M  
 दिनांक 9 अगस्त 2007 द्वारा 1218.762 हे. में बॉक्साइट खनन की स्वीकृति प्राप्त कर संस्था द्वारा खनन  
 का कार्य किया जा रहा है।

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2. प्रस्तावित प्रस्ताव में उपरोक्त क्षेत्रों में वन्य प्राणियों के लिए निम्नलिखित क्षेत्रों में प्रस्तावित 50 TPA किया जाना, कुल क्षेत्र के लिए 4,00,000 TPA प्रस्तावित है। भारत सरकार पर्यावरण व वन मंत्रालय के द्वारा उपरोक्त क्षेत्रों में वन्य प्राणियों की स्वीकृति क्रमांक J-11015/353/2007-IA.II/M दिनांक 27 जुलाई 2007, J-11015/354/2007-IA.II/M दिनांक 27 जुलाई 2007 एवं J-11015/337/2007-IA.II/M दिनांक 9 जून 2007 द्वारा कुछ शर्तों के साथ दी गई है जिसमें एक महत्वपूर्ण शर्त यह भी उल्लेखित है कि संबंधित क्षेत्र में वन्य प्राणी (संरक्षण) अधिनियम के शेड्यूल 1 के पाये जाने वाले वन्य प्राणियों के संरक्षण हेतु प्रबंध योजना तैयार की जाकर राज्य के मुख्य वन्य जीव अभिरक्षक के अभिमत सहित प्रस्तुत किया जाये। जिसके पालन में संस्था द्वारा एक वन्य प्राणी संरक्षण योजना तैयार की गयी है।
3. खनिज क्षमता बढ़ाने से संबंधित प्रस्तावित तीनों ही परियोजनाओं के एक दूसरे से 4 कि.मी. की परिधि में स्थित होने एवं सभी के बफर क्षेत्र ओवरलैपिंग होने के कारण सभी के लिये संयुक्त रूप से वन्य प्राणी संरक्षण व प्रबंधन योजना तैयार की जाकर महाप्रबंधक, (खादान), हिन्डालको इन्डस्ट्रीज के पत्र क्रमांक HIL/SAM/300/2013 दिनांक 2.03.2013 द्वारा प्रस्तुत किया गया है जिसका समग्र रूप से परीक्षण किया गया। प्रस्तावित परियोजनाओं के कोर क्षेत्र से 10 कि.मी. की परिधि में आने वाले ओवरलैपिंग बफर क्षेत्र में वन्य प्राणियों एवं उपलब्ध वनस्पतियों का सर्वे किया जाकर पाये गये स्पेसिज को परियोजना प्रस्ताव में अनेक्स्-4 के में उल्लेखित किया गया है।
4. उल्लेखित सूची में वन्य प्राणी (संरक्षण) अधिनियम के शेड्यूल 1 के वन्य प्राणी नहीं पाये गये हैं। परंतु इस कार्यालय द्वारा वन संरक्षक (वन्य प्राणी), सरगुजा से विगत दस वर्षों में वन्य प्राणियों द्वारा की गई क्षति की जानकारी घाही गयी। वन संरक्षक ने अपने पत्र क्रमांक 749 दिनांक 24.05.2012 से यह जानकारी उपलब्ध कराया है कि उक्त क्षेत्र में हाथियों का वर्ष 2005 में दो बार, वर्ष 2006 में आठ बार, वर्ष 2007 में एक बार, 2008 में दो बार, 2009 में सात बार आना जाना हुआ है। इसी प्रकार भालुओं के द्वारा वर्ष 2007-08 में आठ, वर्ष 2008-09 में पाँच, वर्ष 2009-10 में छः एवं 2010-11 में 4 जनहानि व जनघायल के प्रकरण तथा वर्ष 2007-08 तथा 2008-09 में तेंदुआ द्वारा पशु हानि के दो प्रकरण तथा लकड़बग्घे के कारण एक प्रकरण दर्ज किये गये हैं। इस प्रकार वन्य प्राणी (संरक्षण) अधिनियम के शेड्यूल 1 के उपरोक्त उल्लेखित वन्य प्राणियों के परियोजना क्षेत्र में आने जाने के प्रमाण पाये गये हैं। प्रस्तावित क्षेत्र से 6 से 7 कि.मी.की दूरी पर झारखंड राज्य में भेड़िया अभ्यारण्य भी स्थापित है। अतः संस्था द्वारा दस वर्षों के लिये वन्य प्राणी संरक्षण व प्रबंध योजना श्री पी. के. सेन पूर्व वन्य प्राणी अभिरक्षक, झारखंड से तैयार कराया जाकर प्रस्तुत किया गया है। जिसका समग्र व विस्तृत अध्ययन किया गया। प्रबंधन योजना में प्रस्तावित प्रबंधन संबंधित मुख्य गतिविधियों का विवरण निम्नानुसार है।
5. योजना में वन्य प्राणियों के लिये जलग्रहण क्षेत्र विकास, रहवास-विकास, पेयजल व्यवस्था, विभाग के क्षेत्रीय अमले के सहयोग से क्षेत्र में पेट्रोलिंग व मॉनिटरिंग, अग्नि सुरक्षा, ईको विकास की गतिविधियों, स्थानीय ग्रामीणों के लिये आजीविका सृजन, टीकाकरण, जनजागृति कार्यक्रम जैसी गतिविधियों का

समावेश करते हुए 04 वर्षों के निम्नलिखित कार्य को प्राथमिकता प्रदान किया जायेगा। पर्यावरण प्रशासनिक कार्य का विवरण निम्नांकित है -

Sl. No.	Works to be done	Cost for Four years (Rs. in lakhs)					Remarks
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	Total	
1	Plantation including soil and moisture Conservation works as per norms of forest department surrounding the lease hold	5.00	5.00	5.00	5.00	20.00	
2	Silvicultural Operation on degraded forest Land and cut back in rooted waste	2.00	2.00	2.00	2.00	8.00	
3	Habitat Management Eradication of unwanted species in buffer Zone area, Fire Protection work including wages for fire watchman, Creation of Fire line etc. surrounding lease hold and in buffer area.	2.50	2.50	2.50	2.50	10.00	
4	Monitoring - One Staff of forest department to monitor movement of wild life, encroachment, illicit cutting, poaching, fire etc. including Salary of 1 staff	3.00	3.00	3.00	3.00	12.00	
5	Construction of water holes, their maintenance and patrolling (One per Annum)	10.00	10.00	10.00	10.00	40.00	
6	Eco-development activities like poultry, piggery, bee keeping etc.	5.00	5.00	5.00	5.00	20.00	
7	Vocational Training to weaker section, females, old persons and minors of the surrounding villages in three centre in the buffer Zone of the mining lease @ 50000/- per centre.	3.00	3.00	3.00	3.00	12.00	
8	Veterinary camp for immunization of Cattle with the help of block veterinary staff.	2.00	2.00	2.00	2.00	8.00	
9	Awareness Programme including Signages, distribution of Pamphlets related to wild life conservation etc.	2.50	2.50	2.50	2.50	10.00	
10	Provision for conservation of Biodiversity among flora and fauna of the area & Preparation of Biodiversity register	20.00	0.00	0.00	0.00	20.00	The amount is to be deposited in the account of Biodiversity Board as this work is to be done by Biodiversity management committees (BMC's)
<b>Total</b>		<b>55.00</b>	<b>35.00</b>	<b>35.00</b>	<b>35.00</b>	<b>160.00</b>	

एकमुश्त जमा की लागत रु. 160.00 लाख प्रतिवर्ष है। यह लागत वन विभाग से यह व्यय  
व्यय वन विभाग के बजट के हिसाब से वृद्धि होगी। परियोजना के क्रियान्वयन के समय जो भी लागत आयगी  
वह परियोजना प्रस्तावकों को वन विभाग में एकमुश्त जमा करानी होगी। जिससे मूल्य वृद्धि के प्रभाव को समाप्त  
किया जा सके। वन विभाग एकमुश्त जमा की गई राशि से वन्यप्राणी संरक्षण योजना क्रियान्वित करेगा।

7. अनुमोदित वन्यप्राणी संरक्षण योजना की एक प्रति संलग्न प्रेषित है। कृपया वन्यप्राणी संरक्षण योजना में  
प्रावधानित राशि रु. 160.00 लाख एकमुश्त जमा कराने हेतु परियोजना प्रस्तावकों को आदेशित करने का कष्ट  
करें।

संलग्न:- उपरोक्तानुसार।

*Apurva ash*  
(रामप्रकाश) 01/10/13

प्रधान मुख्य वन संरक्षक (वन्यप्राणी)  
छत्तीसगढ़, रायपुर

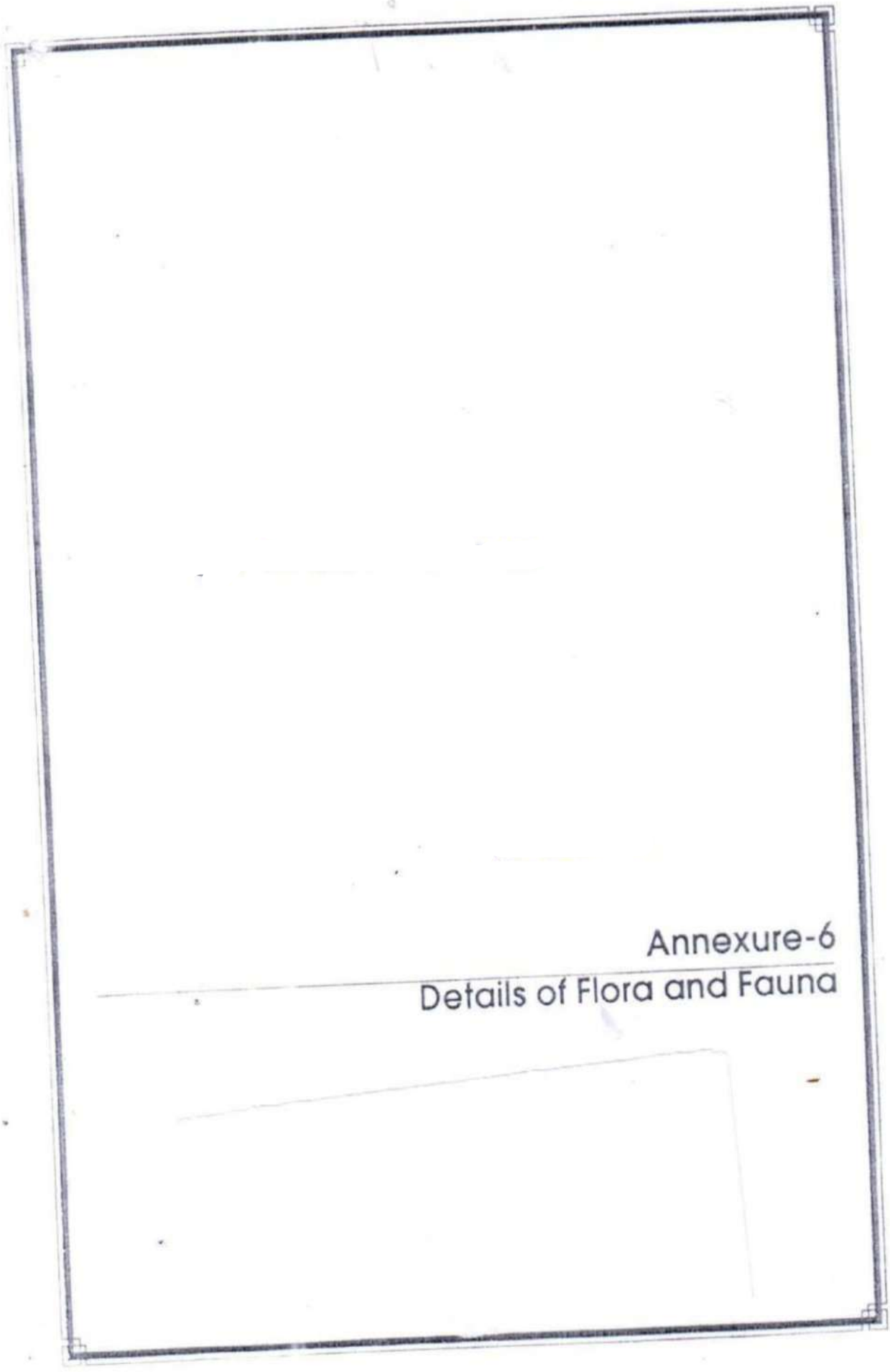
रायपुर दिनांक 01/10/2013

पृष्ठा क्रमांक/व.प्रा./प्रबंध-12/13/2968.

प्रतिलिपि :-

1. प्रमुख सचिव, छत्तीसगढ़ शासन, वन विभाग, महानदी मंत्रालय भवन, नया रायपुर की ओर मय योजना  
की प्रति सहित सूचनार्थ प्रेषित।
2. श्री एम. के. नायक, जी. एम. माइन्स हिन्डालको इन्डस्ट्रीज लिमिटेड, सामरी बॉक्साइट माइन्स,  
पोस्ट-कुसमी, जिला-सरगुजा, छत्तीसगढ़ की ओर मय योजना की प्रति सहित सूचनार्थ प्रेषित।

*Apurva ash*  
प्रधान मुख्य वन संरक्षक (वन्यप्राणी) 01/10/13  
छत्तीसगढ़, रायपुर



Annexure-6  
Details of Flora and Fauna

समावेश करते हुए 04 वर्षों के लिए वन विभाग के द्वारा किया जायेगा। परभाव प्रकल्पों का विवरण निम्नांकित है -

Sl. No.	Works to be done	Cost for Four years (Rs. in lakhs)					Remarks
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	Total	
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10	Provision for conservation of Biodiversity among flora and fauna of the area & Preparation of Biodiversity register	20.00	0.00	0.00	0.00	20.00	The amount is to be deposited in the account of Biodiversity Board as this work is to be done by Biodiversity management committees (BMC's)
<b>Total</b>		<b>55.00</b>	<b>35.00</b>	<b>35.00</b>	<b>35.00</b>	<b>160.00</b>	

**ANNEXURE-6**  
**DETAILS OF FLORA & FAUNA**

**TABLE-1**  
**DETAILS OF DOMINANT PLANT SPECIES IN MINE LEASE AREA (CORE ZONE)**

Name of the plant Species	Local Name	Family
<i>Butea monosperma</i>	Palas	Fabaceae
<i>Acacia Arabica</i>	Babul	Mimosaceae
<i>Leucena leucophloe</i>	Sabutal	Mimosaceae
<i>Mangifera indica</i>	Aam	Anacardiaceae
<i>Citrus lemon</i>	Nimbu	Rutaceae
<i>Emblica officinalis</i>	Amla	Euphorbiaceae
<i>Ficus hispida</i>	Jungli anjir	Moraceae
<i>Spondias cythera</i>	Kathjamun	Myrtaceae
<i>Terminalia catapa</i>	Badam	Combretaceae
<i>Apluda mitica</i>	Grass	Poaceae
<i>Chloris dolichosta</i>	Grass	Poaceae
<i>Dichanthium annulatum</i>	Grass	Poaceae
<i>Imperata cylindrica</i>	Grass	Poaceae
<i>Themeda quadrivalvis</i>	Grass	Poaceae
<i>Aristida adscensionis</i>	Grass	Poaceae
<i>Eragrostis tataria</i>	Grass	Poaceae
<i>Eragrostis tenella</i>	Grass	Poaceae
<i>Scleria glauca</i>	Grass	Cyperaceae
<i>Dyssonolobos maxima</i>	Grass	Graminae
<i>Parthenium hysterophorus</i>	Congress grass	Compositae
<i>Cassia tora</i>	-	Caesalpinaceae
<i>Dekania rugia</i>	Kochinar	Caesalpinaceae
<i>Dalbergia sissoo</i>	Sisoo	Caesalpinaceae

**TABLE-2**  
**FLORA/VEGETATION IN STUDY AREA (BUFFER ZONE)**

Sr. No.	Technical Name	Family	Life Form
<b>I. Agricultural Crops</b>			
1	<i>Tardium vulgare</i>	Poaceae	Hemicryptophyte
2	<i>Sorghum vulgare</i>	Poaceae	Hemicryptophyte
3	<i>Triticum vulgare</i>	Poaceae	Hemicryptophyte
4	<i>Zea mays</i>	Poaceae	Hemicryptophyte
5	<i>Oryza sativa</i>	Poaceae	Hemicryptophyte
6	<i>Pennisetum typhoideum</i>	Poaceae	Hemicryptophyte
<b>II. Commercial Crops (including Vegetables)</b>			
7	<i>Abelmoschus indicus</i>	Malvaceae	Therophyte
8	<i>Allium cepa</i>	Liliaceae	Geophyte
9	<i>Allium sativum</i>	Liliaceae	Geophyte
10	<i>Annona squamosa</i>	Annonaceae	Phanerophyte
11	<i>Arachis hypogea</i>	Fabaceae	Geophyte
12	<i>Gutharanthes pusillus</i>	Compositae	Therophyte
13	<i>Cicer arletinum</i>	Fabaceae	Hemicryptophyte
14	<i>Citrus lemon</i>	Rutaceae	Therophyte
15	<i>Cofacasia esculenta</i>	Areaceae	Geophyte
16	<i>Coriandrum sativum</i>	Umbelliferae	Hemicryptophyte
17	<i>Daucus carota</i>	Umbelliferae	Geophyte
18	<i>Lycopersicum esculentus</i>	Solanaceae	Therophyte
19	<i>Mangifera indica</i>	Anacardiaceae	Phanerophyte
20	<i>Peperdia charantia</i>	Cucurbitaceae	Therophyte
21	<i>Pisum sativum</i>	Fabaceae	Therophyte
22	<i>Psidium guava</i>	Myrtaceae	Phanerophyte
23	<i>Solanum tuberosum</i>	Solanaceae	Geophyte
24	<i>Lichi chinensis</i>	Sapindaceae	Phanerophyte
<b>III. Plantations</b>			
25	<i>Bauhinia corribosa</i>	Caesalpinaceae	Phanerophyte
26	<i>Acacia nilotica</i>	Mimosaceae	Phanerophyte
27	<i>Albizia lebeck</i>	Mimosaceae	Phanerophyte
28	<i>Albizia odorattissima</i>	Mimosaceae	Phanerophyte
29	<i>Albizia procera</i>	Mimosaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
30	<i>Azadirachta indica</i>	Meliaceae	
31	<i>Bauhinia variegata</i>	Caesalpinaceae	Phanerophyte
32	<i>Bauhinia purpurea</i>	Caesalpinaceae	Phanerophyte
33	<i>Bambusa arundinaceae</i>	Poaceae	Phanerophyte
34	<i>Butea monosperma</i>	Caesalpinaceae	Phanerophyte
35	<i>Butea frondosa</i>	Caesalpinaceae	Phanerophyte
36	<i>Eucalyptus sp</i>	Myrtaceae	Phanerophyte
37	<i>Delonix regia</i>	Caesalpinaceae	Phanerophyte
38	<i>Leucena leucophloe</i>	Caesalpinaceae	Phanerophyte
<b>IV. Natural Vegetation / Forest Type</b>			
39	<i>Abrus precatorius</i>	Fabaceae	Therophyte
40	<i>Abutilon indicum</i>	Malvaceae	Phanerophyte
41	<i>Acacia Arabica</i>	Mimosaceae	Phanerophyte
42	<i>Acacia auriculiformis</i>	Mimosaceae	Phanerophyte
43	<i>Acacia catechu</i>	Mimosaceae	Phanerophyte
44	<i>Acacia intesia</i>	Mimosaceae	Phanerophyte
45	<i>Acacia farnesina</i>	Mimosaceae	Phanerophyte
46	<i>Acacia leucophloe</i>	Mimosaceae	Phanerophyte
47	<i>Acalypha lanceolata</i>	Euphorbiaceae	Therophyte
48	<i>Acanthospermum hispidum</i>	Compositae	Therophyte
49	<i>Achyranthes aspera</i>	Amaranthaceae	Therophyte
50	<i>Adathoda vasica</i>	Acanthaceae	Therophyte
51	<i>Adina cordifolia</i>	Rubiaceae	Therophyte
52	<i>Aegle marmelos</i>	Rutaceae	Phanerophyte
53	<i>Aerva lanata</i>	Compositae	Phanerophyte
54	<i>Ageratum conyzoides</i>	Compositae	Therophyte
55	<i>Alantus excelsa</i>	Simaroubaceae	Phanerophyte
56	<i>Alangium salivus</i>	Alangiaceae	Phanerophyte
57	<i>Aibhia odoratissima</i>	Caesalpinaceae	Phanerophyte
58	<i>Albizia procera</i>	Caesalpinaceae	Phanerophyte
59	<i>Astonia scholaris</i>	Apocyanaceae	Phanerophyte
60	<i>Alternanthera sessilis</i>	Amaranthaceae	Therophyte
61	<i>Alysicarpus hamulosus</i>	Fabaceae	Therophyte
62	<i>Amoissus latifolia</i>	Combretaceae	Phanerophyte
63	<i>Anogeissus senica</i>	Combretaceae	Phanerophyte
64	<i>Argemone mexicana</i>	Papaveraceae	Phanerophyte
65	<i>Azadirachta indica</i>	Meliaceae	Phanerophyte
66	<i>Bacteria prionites</i>	Acanthaceae	Phanerophyte
67	<i>Bidens biternata</i>	Compositae	Therophyte
68	<i>Blepharis asperima</i>	Acanthaceae	Therophyte
69	<i>Blepharis madaraspatens</i>	Acanthaceae	Phanerophyte
70	<i>Bumea lacera</i>	Compositae	Therophyte
71	<i>Boerhaavia chinensis</i>	Nyctaginaceae	Therophyte
72	<i>Boerhaavia diffusa</i>	Nyctaginaceae	Therophyte
73	<i>Bombax ceiba</i>	Bombacaceae	Therophyte
74	<i>Borreria hispida</i>	Rubiaceae	Phanerophyte
75	<i>Borreria stricta</i>	Rubiaceae	Therophyte
76	<i>Boswellia serrata</i>	Burseraceae	Therophyte
77	<i>Brassica campestris</i>	Cruciferae	Phanerophyte
78	<i>Bridelia retusa</i>	Euphorbiaceae	Therophyte
79	<i>Bridelia superba</i>	Euphorbiaceae	Phanerophyte
80	<i>Caesalpinia pulcherima</i>	Caesalpinaceae	Phanerophyte
81	<i>Calotropis procera</i>	Asclepiadaceae	Phanerophyte
82	<i>Canthum didymum</i>	Rubiaceae	Phanerophyte
83	<i>Capparis aphylla</i>	Capparidaceae	Therophyte
84	<i>Capparis deciduas</i>	Capparidaceae	Phanerophyte
85	<i>Carissa carindus</i>	Apocyanaceae	Phanerophyte
86	<i>Carissa spinarium</i>	Apocyanaceae	Phanerophyte
87	<i>Cassia graveolens</i>	Samyidiaceae	Phanerophyte
88	<i>Cassia absus</i>	Caesalpinaceae	Phanerophyte
89	<i>Cassia absus</i>	Caesalpinaceae	Phanerophyte
90	<i>Cassia auriculata</i>	Caesalpinaceae	Therophyte
91	<i>Cassia occidentalis</i>	Caesalpinaceae	Therophyte
92	<i>Cassia tora</i>	Caesalpinaceae	Therophyte
93	<i>Cestrum diurnum</i>	Rubiaceae	Phanerophyte
94	<i>Cestrum nocturnum</i>	Rubiaceae	Therophyte

Sr. No.	Technical Name	Family	Life Form
95	<i>Chloris variegata</i>	Poaceae	Therophyte
96	<i>Cissus quadrangularis</i>	Vitaceae	Therophyte
97	<i>Citrus limon</i>	Rutaceae	Phanerophyte
98	<i>Cleome gynandra</i>	Capparidaceae	Therophyte
99	<i>Combretum ovalifolium</i>	Rubiaceae	Phanerophyte
100	<i>Cordia myxa</i>	Rubiaceae	Phanerophyte
101	<i>Crotalaria medicagena</i>	Fabaceae	Therophyte
102	<i>Croton bonplandinum</i>	Amaryllidaceae	Therophyte
103	<i>Cuscuta reflexa</i>	Cuscutaceae	Epiphyte
104	<i>Datura fastuosa</i>	Solanaceae	Therophyte
105	<i>Datura metel</i>	Solanaceae	Therophyte
106	<i>Desmodium triflorum</i>	Asclepiadaceae	Therophyte
107	<i>Diospyros melanoxylon</i>	Lythraceae	Phanerophyte
108	<i>Diospyros Montana</i>	Lythraceae	Phanerophyte
109	<i>Echinops echinatus</i>	Compositae	Therophyte
110	<i>Eclipta prostrate</i>	Compositae	Hemicryptophyte
111	<i>Emblica officinale</i>	Euphorbiaceae	Phanerophyte
112	<i>Emilia tajorium</i>	Compositae	Hemicryptophyte
113	<i>Erythrina indica</i>	Papilionaceae	Phanerophyte
114	<i>Euphorbia geniculata</i>	Euphorbiaceae	Therophyte
115	<i>Euphorbia hirta</i>	Euphorbiaceae	Therophyte
116	<i>Euphorbia hypericifolia</i>	Euphorbiaceae	Therophyte
117	<i>Euphorbia nerin</i>	Euphorbiaceae	Therophyte
118	<i>Euphorbia nivula</i>	Euphorbiaceae	Therophyte
119	<i>Euphorbia pilulifera</i>	Euphorbiaceae	Hemicryptophyte
120	<i>Euphorbia tricauli</i>	Euphorbiaceae	Hemicryptophyte
121	<i>Evolvulus alpinoides</i>	Convolvulaceae	Therophyte
122	<i>Evolvulus numularis</i>	Convolvulaceae	Therophyte
123	<i>Feronia elephantum</i>	Rutaceae	Phanerophyte
124	<i>Ficus benghalensis</i>	Moraceae	Phanerophyte
125	<i>Ficus carica</i>	Moraceae	Phanerophyte
126	<i>Ficus glomerata</i>	Moraceae	Phanerophyte
127	<i>Ficus hispida</i>	Moraceae	Phanerophyte
128	<i>Ficus racemosa</i>	Moraceae	Phanerophyte
129	<i>Ficus religiosa</i>	Moraceae	Phanerophyte
130	<i>Ficus gibbosa</i>	Moraceae	Phanerophyte
131	<i>Gardenia latifolia</i>	Rubiaceae	Phanerophyte
132	<i>Gardenia lucida</i>	Rubiaceae	Phanerophyte
133	<i>Garoga pinnata</i>	Burseraceae	Phanerophyte
134	<i>Glossocardia boswellia</i>	Compositae	Hemicryptophyte
135	<i>Gmelina arborea</i>	Rubiaceae	Phanerophyte
136	<i>Gomphrena globosa</i>	Amaranthaceae	Therophyte
137	<i>Gossypium herbaceum</i>	Malvaceae	Therophyte
138	<i>Grewia abutilifolia</i>	Tillaceae	Phanerophyte
139	<i>Grewia sairivifolia</i>	Tillaceae	Phanerophyte
140	<i>Grewia subinaqualis</i>	Tillaceae	Phanerophyte
141	<i>Gynandropsis gynandra</i>	Capparidaceae	Hemicryptophyte
142	<i>Helictis isora</i>	Rubiaceae	Phanerophyte
143	<i>Heliotropium indicum</i>	Rubiaceae	Hemicryptophyte
144	<i>Heliotropium ovalifolium</i>	Rubiaceae	Hemicryptophyte
145	<i>Hemidesmus indicus</i>	Asclepiadaceae	Phanerophyte
146	<i>Hibiscus caesus</i>	Malvaceae	Hemicryptophyte
147	<i>Holarrhena antidysenterica</i>	Asclepiadaceae	Phanerophyte
148	<i>Holostemma annularia</i>	Asclepiadaceae	Phanerophyte
149	<i>Hygrophylla auriculata</i>	Acanthaceae	Hemicryptophyte
150	<i>Hyptis suaveolens</i>	Labiatae	Therophyte
151	<i>Ichnocarpus frutes</i>	Poaceae	Hemicryptophyte
152	<i>Impatiens balsamaria</i>	Balsaminaceae	Therophyte
153	<i>Indigofera hirsute</i>	Caesalpinaceae	Therophyte
154	<i>Indigofera linnaea</i>	Caesalpinaceae	Therophyte
155	<i>Indigofera tinctoria</i>	Caesalpinaceae	Therophyte
156	<i>Ipomea aquatica</i>	Convolvulaceae	Hydrophyte
157	<i>Ipomea coccinea</i>	Convolvulaceae	Therophyte
158	<i>Ipomea tuba</i>	Convolvulaceae	Hemicryptophyte
159	<i>Ixora arborea</i>	Rubiaceae	Phanerophyte
160	<i>Ixora parviflora</i>	Rubiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
161	<i>Ixora singaporensis</i>	Rubiaceae	Phanerophyte
162	<i>Jasminum arborescens</i>	Oleaceae	Phanerophyte
163	<i>Jatropha gossypifolia</i>	Euphorbiaceae	Therophyte
164	<i>Jussiaea suffruticosa</i>	Onagraceae	Hydrophyte
165	<i>Justia diffusa</i>	Acanthaceae	Therophyte
166	<i>Justicia diffusa</i>	Acanthaceae	Therophyte
167	<i>Lactuca punctata</i>	Compositae	Therophyte
168	<i>Lannea coramandatica</i>	Anacardiaceae	Phanerophyte
169	<i>Lannea grandis</i>	Anacardiaceae	Phanerophyte
170	<i>Lannea procumbens</i>	Anacardiaceae	Therophyte
171	<i>Lantana camara</i>	Verbinaceae	Phanerophyte
172	<i>Lawsonia inermis</i>	Lythraceae	Phanerophyte
173	<i>Lepidogathis cristata</i>	Acanthaceae	Therophyte
174	<i>Leptodenia reticulata</i>	Asclepiadaceae	Phanerophyte
175	<i>Leucas aspera</i>	Labiatae	Therophyte
176	<i>Leucas longifolia</i>	Labiatae	Therophyte
177	<i>Leucas longifolia</i>	Labiatae	Therophyte
178	<i>Leucena leucophloe</i>	Caesalpinaceae	Phanerophyte
179	<i>Lindenbergia indica</i>	Scrophulariaceae	Therophyte
180	<i>Lindenbergia ciliata</i>	Scrophulariaceae	Therophyte
181	<i>Lophophora tridivatus</i>	Scrophulariaceae	Geophyte
182	<i>Luffa acutangulata</i>	Cucurbitaceae	Therophyte
183	<i>Lycopersicum esculentus</i>	Solanaceae	Therophyte
184	<i>Madhuca latifolia</i>	Sapotaceae	Phanerophyte
185	<i>Mallotus philippinus</i>	Euphorbiaceae	Phanerophyte
186	<i>Malvastrum coramandelicum</i>	Malvaceae	Therophyte
187	<i>Mangifera indica</i>	Anacardiaceae	Phanerophyte
188	<i>Marsella quadrifolia</i>	Marsellaceae	Phanerophyte
189	<i>Melia azadirachta</i>	Meliaceae	Phanerophyte
190	<i>Memordica dioeca</i>	Cucurbitaceae	Therophyte
191	<i>Merremia emarginata</i>	Convolvulaceae	Therophyte
192	<i>Michaelia champaca</i>	Annoniaceae	Phanerophyte
193	<i>Milletttonia hirtella</i>	Bignoniaceae	Phanerophyte
194	<i>Mimosa hamata</i>	Mimosaceae	Therophyte
195	<i>Mitragyna parviflora</i>	Rubiaceae	Phanerophyte
196	<i>Mollugo cerviana</i>	Aizoaceae	Therophyte
197	<i>Mollugo hirta</i>	Aizoaceae	Therophyte
198	<i>Moringa oleifera</i>	Moringaceae	Phanerophyte
199	<i>Morus alba</i>	Moraceae	Phanerophyte
200	<i>Mucuna pruriata</i>	Papilionaceae	Hemicryptophyte
201	<i>Murraya exotica</i>	Rutaceae	Phanerophyte
202	<i>Murraya koenigii</i>	Rutaceae	Phanerophyte
203	<i>Musa paradisiaca</i>	Musaceae	Therophyte
204	<i>Nymphia sp.</i>	Magnoliaceae	Hydrophyte
205	<i>Ocimum americanum</i>	Labiatae	Therophyte
206	<i>Ocimum basilicum</i>	Labiatae	Therophyte
207	<i>Ocimum canum</i>	Labiatae	Therophyte
208	<i>Ocimum sanctum</i>	Labiatae	Therophyte
209	<i>Oldenlandia umbellata</i>	Convolvulaceae	Therophyte
210	<i>Oldenlandia corymbosa</i>	Rubiaceae	Therophyte
211	<i>Oopelia oojensis</i>	Papilionaceae	Phanerophyte
212	<i>Opuntia dilinii</i>	Cpuntiaceae	Therophyte
213	<i>Opuntia elater</i>	Cactaceae	Therophyte
214	<i>Oxalis corniculata</i>	Oxalidaceae	Therophyte
215	<i>Panicum milliria</i>	Poaceae	Hemicryptophyte
216	<i>Panicum notatum</i>	Poaceae	Hemicryptophyte
217	<i>Papaver somniferum</i>	Papaveraceae	Hemicryptophyte
218	<i>Parkinsonia aculeata</i>	Mimosaceae	Phanerophyte
219	<i>Parthenium hysterophorus</i>	Compositae	Therophyte
220	<i>Paspalum strebilanthus</i>	Passifloraceae	Hemicryptophyte
221	<i>Passiflora foetida</i>	Passifloraceae	Phanerophyte
222	<i>Pavonia zeylanica</i>	Malvaceae	Phanerophyte
223	<i>Peltophorum ferrugineum</i>	Caesalpinaceae	Phanerophyte
224	<i>Phoenix aculis</i>	Palmae	Phanerophyte
225	<i>Phyllanthus asperulatus</i>	Euphorbiaceae	Phanerophyte
226	<i>Phyllanthus emblica</i>	Euphorbiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
227	<i>Phyllanthus niruri</i>	Euphorbiaceae	Therophyte
228	<i>Phyllanthus reticulatus</i>	Euphorbiaceae	Therophyte
229	<i>Physalis minima</i>	Solanaceae	Therophyte
230	<i>Phytolobium dulce</i>	Mimosaceae	Phanerophyte
231	<i>Polyalthia longifolia</i>	Annonaceae	Phanerophyte
232	<i>Polygala ererptera</i>	Polygalaceae	Therophyte
233	<i>Pongamia pinnata</i>	Fabaceae	Phanerophyte
234	<i>Portulaca oleracea</i>	Portulacaceae	Therophyte
235	<i>Psidium guava</i>	Myrtaceae	Phanerophyte
236	<i>Punica granatum</i>	Puniaceae	Therophyte
237	<i>Randia dumetorum</i>	Rubiaceae	Phanerophyte
238	<i>Rosa indica</i>	Rosaceae	Therophyte
239	<i>Rosa machata</i>	Rosaceae	Therophyte
240	<i>Saccharum munja</i>	Poaceae	Hemicryptophyte
241	<i>Saccharum officinarum</i>	Poaceae	Therophyte
242	<i>Salmalia malabarica</i>	Salmaliaceae	Phanerophyte
243	<i>Sapindus emarginatus</i>	Sapindaceae	Phanerophyte
244	<i>Schleichera triloba</i>	Combretaceae	Phanerophyte
245	<i>Schreberia swietenoides</i>	Sapindaceae	Phanerophyte
246	<i>Schleichera oleosa</i>	Sapindaceae	Phanerophyte
247	<i>Sesamum indicum</i>	Pedaliaceae	Hemicryptophyte
248	<i>Shorea robusta</i>	Dipterocarpaceae	Phanerophyte
249	<i>Sida orientalis</i>	Malvaceae	Phanerophyte
250	<i>Sida veranifolia</i>	Malvaceae	Hemicryptophyte
251	<i>Solanum nigrum</i>	Solanaceae	Therophyte
252	<i>Solanum xanthocarpum</i>	Solanaceae	Therophyte
253	<i>Sterculia villosa</i>	Tiliaceae	Therophyte
254	<i>Stereospermum chelinoides</i>	Bignoniaceae	Phanerophyte
255	<i>Syzygium cumini</i>	Myrtaceae	Phanerophyte
256	<i>Tamarindus indica</i>	Caesalpinaceae	Phanerophyte
257	<i>Tecomella undulate</i>	Bignoniaceae	Therophyte
258	<i>Tectona grandis</i>	Verbinaceae	Phanerophyte
259	<i>Tephrosia purpurea</i>	Fabaceae	Therophyte
260	<i>Terminalia bellarica</i>	Combretaceae	Phanerophyte
261	<i>Terminalia chebula</i>	Combretaceae	Phanerophyte
262	<i>Terminalia tomentosa</i>	Combretaceae	Phanerophyte
263	<i>Tinospora cordifolia</i>	Rhamnaceae	Therophyte
264	<i>Tragus biflorus</i>	Poaceae	Hemicryptophyte
265	<i>Tribulus terrestris</i>	Zygophyllaceae	Therophyte
266	<i>Tridax procumbens</i>	Compositae	Therophyte
267	<i>Triumferta pilosa</i>	Tiliaceae	
268	<i>Vernonia cinera</i>	Compositae	Therophyte
269	<i>Vicia indica</i>	Compositae	Phanerophyte
270	<i>Vitex Negundo</i>	Verbinaceae	Phanerophyte
271	<i>Vitex negundo</i>	Verbinaceae	Therophyte
272	<i>Vitis verifera</i>	Vitaceae	Therophyte
273	<i>Vivevera zizanoides</i>	Poaceae	Therophyte
274	<i>Wrightia tomentosa</i>	Apocyanaceae	Phanerophyte
275	<i>Xanthium strumarium</i>	Compositae	Therophyte
276	<i>Yucca gloriosa</i>	Agavaceae	Therophyte
277	<i>Zyzyphus tujube</i>	Rhamnaceae	Phanerophyte
278	<i>Zyzyphus mauritiana</i>	Rhamnaceae	Phanerophyte
<b>V. Grasslands</b>			
279	<i>Apluda mutica</i>	Poaceae	Hemicryptophyte
280	<i>Chloris dolichosta</i>	Poaceae	Hemicryptophyte
281	<i>Cynodactylon sp</i>	Poaceae	Geophyte
282	<i>Dichanthium annulatum</i>	Poaceae	Hemicryptophyte
283	<i>Inpurta cylindrica</i>	Poaceae	Hemicryptophyte
284	<i>Saccharum spontaneum</i>	Poaceae	Hemicryptophyte
285	<i>Themeda quadrivalvis</i>	Poaceae	Hemicryptophyte
286	<i>Aristida adscensionis</i>	Poaceae	Hemicryptophyte
287	<i>Cenchrus ciliaris</i>	Poaceae	Therophyte
288	<i>Cenchrus setifera</i>	Poaceae	Therophyte
289	<i>Cymbopogon jwarancusa</i>	Cyperaceae	Hemicryptophyte
290	<i>Cyperus aristatus</i>	Cyperaceae	Therophyte
291	<i>Cyperus triceps</i>	Cyperaceae	Therophyte

Sr. No.	Technical Name	Family	Life Form
292	<i>Doctylectinium annualatum</i>	Poaceae	Therophyte
293	<i>Digetaria bicornis</i>	Poaceae	Hemicryptophyte
294	<i>Digetaria Segetaria</i>	Poaceae	Hemicryptophyte
295	<i>Eragrostis bifera</i>	Poaceae	Therophyte
296	<i>Eragrostis tenella</i>	Poaceae	Therophyte
297	<i>Ischaemum rugosum</i>	Poaceae	Hemicryptophyte
298	<i>Setaria glauca</i>	Cyperaceae	Hemicryptophyte
299	<i>Eulaliopsis binata</i>	Graminae	Hemicryptophyte
300	<i>Thysanolaena maxima</i>	Graminae	Hemicryptophyte
	<b>Endangered plants</b>	No endangered plant species observed during study period and also from records of Botanical Survey of India (Red data of Books of Indian Plants)	

**TABLE-3**  
**FAUNA AND THEIR CONSERVATION STATUS FROM MINE LEASE AREA (CORE ZONE)**

Technical Name	English Name/ Local Name	Wild Life Protection Act (1972) Status
<b>Aves</b>		
<i>Phalacrocorax niger</i>	Little cormorant	Sch-IV
<i>Nycticorax nycticorax</i>	Night heron	Sch-IV
<i>Ardeola grayii grayii</i>	Paddy bird	Sch-IV
<i>Bubulcus ibis coromandus</i>	Cattle egret	Sch-IV
<i>Eudynamis scolopacea</i>	Indian koel	Sch-IV
<i>Meops philippinus philippinus</i>	Bluetailed bee-eater	Sch-IV
<i>Dinopium benghalense tehiniae</i>	Nalabar golden backed Woodpecker	Sch-IV
<i>Acridotheres tristis tristis</i>	Common myna	Sch-IV
<i>Nectarinia minima</i>	Small sunbird	Sch-IV
<i>Passer domesticus indicus</i>	Indian house sparrow	Sch-IV
<b>Butterflies</b>		
<i>Hyalimnas helina</i> Lin.	Green fly	-
<i>Euploea core</i> Cramer	Common crow	-
<i>Neptis hyles</i> Moore	Common sailor	-
<i>Eurema hecabe</i> Lin.	Common grass yellow	-
<i>Parantica aglea</i> Stoll.	Glassy tiger	-
<b>Mammals</b>		
<i>Funambulus palmurum</i>	Squirrel	Sch-IV
<i>Sus sucrofa</i>	Wild pig	Sch-III
<i>Herpestes edwardii</i>	Common mongoose	Sch-IV
<i>Vulpus benghalensis</i>	Wild fox	Sch-II
<i>Hystrix indica</i>	Porcupine	Sch-IV

**TABLE-4**  
**FAUNA AND THEIR CONSERVATION STATUS IN STUDY AREA (BUFFER ZONE)**

Technical Name	English Name/Local Name	Wild Life Protection Act (1972)
<b>Aves</b>		
<i>Phalacrocorax niger</i>	Little cormorant	Sch-IV
<i>Ardea purpurea maniensis</i>	Eastern purple heron	Sch-IV
<i>Nycticorax nycticorax</i>	Night heron	Sch-IV
<i>Ardeola grayii grayii</i>	Paddy bird	Sch-IV
<i>Dupetor flavicollis</i>	Black bittern	Sch-IV
<i>Ardea alba modesta</i>	Large egret	Sch-IV
<i>Bubulcus ibis coromandus</i>	Cattle egret	Sch-IV
<i>Milvus migrans govinde</i>	Common pariah kite	Sch-IV
<i>Haliastur indus indus</i>	Brahminy kite	Sch-IV
<i>Vanellus indicus indicus</i>	Redwattled lapwing	Sch-IV
<i>Tringa hypoleucos</i>	Common sandpiper	Sch-IV
<i>Gelochelidon nilotica nilotica</i>	Gulbilled tern	Sch-IV
<i>Eudynamis scolopacea</i>	Indian koel	Sch-IV
<i>Halcyon smyrnensis freca</i>	Indian white breasted Kingfisher	Sch-IV
<i>Meops philippinus philippinus</i>	Bluetailed bee-eater	Sch-IV

Technical Name	English Name/Local Name	Wild Life Protection Act (1972)
<i>Coracias benghalensis indica</i>	Southern Indian Roller	Sch-IV
<i>Dinopium benghalense tehrinae</i>	Malabar golden backed Woodpecker	Sch-IV
<i>Acridotheres tristis tristis</i>	Common myna	Sch-IV
<i>Corvus splendens protegatus</i>	Ceylon house crow	Sch-IV
<i>Nectarinia minima</i>	Small sunbird	Sch-IV
<i>Nectarenia zeylanica sota</i>	Indian purple rumped sunbird	Sch-IV
<i>Arachnothera longirostris longirostris</i>	Little spider hunter	Sch-IV
<i>Passer domesticus indicus</i>	Indian house sparrow	Sch-IV
<i>Copsychus saularis ceylonensis</i>	Southern magpie-robin	Sch-IV
<i>Orthotomus sutorius</i>	Tailor bird-guzurata	Sch-IV
<i>Pavocristatus</i>	Peacock	Part-III of Sch-I
<b>Amphibians</b>		
<i>Rana tigrana</i>	Common frog	Sch-IV
<i>Bufo melanostictus</i>	Toad	Sch-IV
<b>Reptiles</b>		
<i>Calotes versicolor</i>	Lizard	Sch-IV
<i>Calotes versicolor</i>	Common garden lizard	Sch-IV
<i>Chamaeleon zeylanicus</i>	Indian chamaeleon	Sch-II
<i>Lycodon spp.</i>	Wolf snake	Sch-III
<i>Boga spp.</i>	Cat snake	Sch-III
<i>Rungarus spp.</i>	Krait	Sch-II
<i>Naja naja</i>	Indian cobra	Sch-III
<i>Viperia spp.</i>	Russell viper	Sch-III
<i>Python sp</i>	Python sp	Sch-I
<b>Butterflies</b>		
<i>Pachliopta hector Lin.</i>	Crimson rose	-
<i>Papilio demoleus Lin.</i>	Lime butterfly	-
<i>Graphium agamemnon Lin.</i>	Tailed Jay	-
<i>Junonia almana Lin.</i>	Peacock ganyu	-
<i>Hypolimnas bolina Lin.</i>	Great orange	-
<i>Euploea core Cramer</i>	Common crow	-
<i>Neptis hylas Moore</i>	Common sailor	-
<i>Eurema hecabe Lin.</i>	Common grass yellow	-
<i>Catopsila sp.</i>	Emigrant	-
<b>Mammals</b>		
<i>Rattus sp.</i>	Rat	Sch-IV
<i>Lepus nigricolis</i>	Hare	Sch-IV
<i>Canis aureus</i>	Jackal	Sch-III
<i>Presbytis entellus</i>	Langur	Sch-II
<i>Presbytis phayrei</i>	Monkey	Sch-I
<i>Funambulus spp.</i>	Squirrel	Sch-IV
<i>Funambulus palmarum</i>	Squirrel	Sch-IV
<i>Sus suvra</i>	Wild pig	Sch-III
<i>Rattus norvegicus</i>	Field mouse	Sch-V
<i>Rattus rattus</i>	House rat	Sch-V
<i>Rhinolopus spp.</i>	Bat	Sch-V
<i>Hipposiderus spp.</i>	Bat	Sch-V
<i>Herpestes edwardii</i>	Common mongoose	Sch-IV
<i>Bandicota indica</i>	Bandicoot	Sch-V
<i>Bandicota bengalensis</i>	Bandicoot	Sch-V
<i>Vulpus benghalensis</i>	Wild fox	Sch-III
<i>Melurus ursinus</i>	Bear	Sch-III
<i>Hystrix indica</i>	Porcupine	Sch-IV
<i>Axis axis</i>	Spotted deer	Sch-III
<i>Canis lupas pallipes</i>	Indian wolf	Part-I of Sch-I
<i>Mellivora capensis</i>	Indian Ratel	Part-I of Sch-I
<i>Elephas maximus</i>	Indian Elephant	Part-I of Sch-I
<i>Felis taurus</i>	Jungle cat	Part-II of sch-II
<i>Paradoxurus hermaphroditus</i>	Indian Small civet	Part-I of sch-I
<i>Muntiacus muntiacus</i>	Barking deer	Sch-III
<i>Macaca mulata</i>	Monkey	Part-I of Sch-I

## HINDALCO INDUSTRIES LIMITED

### Samri Mines Division

<b>Self Help Group (SHGs)</b>	
<b>No. of SHGs:</b>	<b>21</b>
<b>No of Beneficiaries:</b>	<b>212</b>
<b>No of group linked with bank:</b>	<b>17</b>
<b>Average Saving / Group – Rs.</b>	<b>Rs. 12,000/-</b>
<b>10,000/-Facility provided to groups:</b>	<b>Register, Passbook, Dari, Sewing Machine, Income Generation training and other exposure programme like linkages with bank and training with NRLM.</b>
<b>Groups engaged in income generation activities:</b>	<b>21</b>

<b>SHGs Details- Samri Cluster</b>							
Sl.No	SHG Name	Village Name	District Name	No Of Members	A/C Details		Economic Activity Name
					Members Savings in Bank A/C	Bank Loan Received	
1	Gulmohar Self Help group	Amtahi	Balrampur	10	5000.00	-	Agriculture
2	Sitara Self Help Group	Amtahi	Balrampur	10	15500.00	250000.00	Stitching Centre
3	Chand Self Help Group	Amtahi	Balrampur	10	14600.00	350000.00	Stitching Centre
4	Muskan Self Help Group	Amtahi	Balrampur	10	11500.00	50000.00	Mid day meal Programme
5	Chameli Self Group	Nawatoli (Amtahi)	Balrampur	10	8900.00	-	Agriculture
6	Nirmala Self Help Group	Amtahi	Balrampur	10	9450.00	50000.00	Agriculture
7	Parwati Self Help Group	Amtahi	Balrampur	10	2500.00	-	Agriculture
8	Nigrani Self Group	Amtahi	Balrampur	10	7580.00	50000.00	Stitching Centre
9	Chandni Self Help Group	Amtahi	Balrampur	10	19850.00	-	Stitching Centre
10	Swajaldhara Self Help Group	Amtahi	Balrampur	10	11712.00	-	Agriculture
11	Savitri Self Help Group	Amtahi	Balrampur	10	12580.00	-	Agriculture
12	Indira Gandhi Self Help Group	Rajendrapur	Balrampur	10	12000.00	-	Agriculture
13	Sonam Self Help Group	Rajendrapur	Balrampur	10	1752.00	-	Agriculture
14	Basanti Self Help Group	Rajendrapur (Pakritoli)	Balrampur	12	22586.00	-	Agriculture
15	Saraswati Self Help Group	Dumerkholi	Balrampur	10	12600.00	-	Agriculture
16	Chameli Self Help Group	Kutku	Balrampur	10	8000.00	-	Agriculture
17	Champa Self Help	Kutku	Balrampur	10	11400.00	-	Agriculture

	Group						
18	Genda Self Help Group	Tutvihar ,Kutku	Balrampur	10	12470.00	-	Agriculture
19	Chandra Mukhi Self Help Group	Samri (West)	Balrampur	10	5000.00	-	Agriculture
20	Tetri Devi Self Help Group	Kutku	Balrampur	10	7500.00	-	Agriculture
21	Khusbu Self Help Group	Rajendrapur (Pakritoli)	Balrampur	10	7500.00	-	Agriculture

**Annexure-D**

**HINDALCO INDUSTRIES LIMITED  
SAMRI MINES DIVISION**

**Year wise /lease wise Afforestation details**

<b>Year</b>	<b>Samri lease</b>	
	<b>No. of Saplings</b>	<b>Area in Ha</b>
1998-2017	167211	68.154
2017-18	11681	4.97
2018-19	19730	7.90
2019-20	34360	31.59
2020-21	36160	16.918
2021-22	47307	11.465
2022-23	36511	9.898
2023-24	31651	10.560
2024-25	27344	10.27
2025-26	24295	8.086
<b>Total</b>	<b>436250</b>	<b>179.811</b>

**HINDALCO INDUSTRIES LIMITED**  
**Samri Mines Division**  
**Ground Water Level Data (October' 2025 to March' 2026)**

<b>Samri Mine Lease Piezometer Reading</b>		
<b>S No</b>	<b>Month</b>	<b>Depth (meter)</b>
1	October-25	26.7
2	November-25	26.4
3	December-25	27.2
4	January-26	27.5
5	February-26	27.3
6	March-26	27.7



# Anacon Laboratories

**Anacon Laboratories Pvt. Ltd. Nagpur Lab**

FP-34, 35 Food Park, Five Star Industrial Estate  
MIDC Bubbri, Nagpur, Maharashtra, India - 441 122  
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🌐 https://www.anaconlaboratories.com

## Test Report

Test Report No.: ALPL/09042026/22-17

Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt. -Balrampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/30032026/ENV.EW-1/98-97 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026 <b>Report Issue Date</b> 09.04.2026
<b>Sample Description</b> Ground Water	<b>Sample Particulars / Details</b> GW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANId/7.2/MON-01		<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:00 pm	<b>Sampling Location</b> GNC Camp
<b>Tests required</b> Coliform, Escherichia coli, Alkalinity, Ammonia, Anionic surface active agents, Colour, Cyanide, Chloride, Calcium, Chloramines, Free residual chlorine, Fluoride, Magnesium, Nitrate, Odour, pH, Phenolic compounds, Sulphate, Sulphide, Taste, Total dissolved solids, Turbidity, Total hardness, Mineral Oil			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
<b>I</b> Discipline : Biological Group : Water						
1	Coliform	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
2	Escherichia coli	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
<b>II</b> Discipline : Chemical Group : Water						
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 23)	200	600	123.4
4	Ammonia (as N)	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BLQ (LOQ-0.1)
5	Anionic Detergents (as MBAS)	mg/l	IS 13428 : (Annex K)	0.2	1.0	BLQ (LOQ-0.01)
6	Colour	Hazen units	IS 3025 (Part 4) Clause 4	5	15	BLQ(LOQ-1)
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5	0.05	No relaxation	BLQ (LOQ-0.005)
8	Chloride (as Cl)	mg/l	IS 3025 (Part 32) Clause 2	250	1000	35.6
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) Clause 5	75	200	42.6
10	Chloramines (as Cl <sub>2</sub> )	mg/l	IS 3025 (Part 26)	4.0	No relaxation	BLQ (LOQ-0.1)
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) Clause 7	0.2	1	BLQ (LOQ-0.1)
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) Clause 6	1.0	1.5	BLQ(LOQ-0.1)
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) Clause 6	30	100	BLQ(LOQ-2)
14	Nitrate (as NO <sub>3</sub> )	mg/l	APHA 23 <sup>rd</sup> edition: Method 4500-NO <sub>3</sub>	45	No relaxation	BLQ(LOQ-2)
15	Odour	-	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable
16	pH	-	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	8.05
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6	0.001	0.002	BLQ (LOQ-0.001)
18	Sulphate (as SO <sub>4</sub> )	mg/l	IS 3025 (Part 24/ Sec1) Clause 5	200	400	5.9
19	Taste	-	IS 3025 (Part 8)	Agreeable	Agreeable	Agreeable
20	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	215
21	Turbidity	NTU	IS 3025 : (Part 10)	1	5	BLQ(LOQ-0.1)
22	Total hardness (as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part 21) Clause 5	200	600	112
23	Sulphide (as H <sub>2</sub> S)	mg/l	IS 3025 (Part 29)	0.05	No relaxation	BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Reviewed By

Trupti Bakde  
Senior Chemist

Authorized Signatories

Pranita Manchewar  
Dy. Technical Manager

Chinmay Ganshy  
Deputy Quality Manager



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in)



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Test Report No.: ALPL/09042026/22-17

Dated 09.04.2026

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<b>Issued To :</b> <b>M/s Hindalco Industries Limited</b> Samari Bauxite Mines, P.O. Kusmi, Distt. -Balrampur (C.G.) - 497 222	<b>Sample Inward No.</b> ALPL/30032026/ENV.EW-1/98-97 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264, 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026  <b>Report Issue Date</b> 09.04.2026
	<b>Sample Description</b> Ground Water	<b>Sample Particulars / Details</b> GW-1
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No. ANtd/7.2/MON-01		<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:00 pm		<b>Sampling Location</b> GNC Camp
<b>Tests required</b> Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium, Zinc, Polynuclear aromatic hydrocarbon (PAH), Polychlorinated biphenyls		

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	<b>Discipline : Chemical</b>	<b>Group : Residues and contaminants in water</b>				
24	Arsenic (as As)	mg/l	IS 3025 (Part 37)	0.01	No relaxation	BLQ (LOQ-0.01)
25	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	BLQ (LOQ-0.02)
26	Barium (as Ba)	mg/l	IS 3025 (Part 2)	0.7	No relaxation	BLQ (LOQ-0.02)
27	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ (LOQ-0.02)
28	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ (LOQ-0.02)
29	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ (LOQ-0.002)
30	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.33
31	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ (LOQ-0.01)
32	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ (LOQ-0.02)
33	Mercury (as Hg)	mg/l	IS 3025 (Part 48)	0.001	No relaxation	BLQ (LOQ-0.001)
34	Selenium (as Se)	mg/l	IS 3025 (Part 56)	0.01	No relaxation	BLQ (LOQ-0.01)
35	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ (LOQ-0.02)
36	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ (LOQ-0.02)
II	<b>Discipline : Chemical</b>	<b>Group : Residues contaminants in water</b>				
37	Mineral Oil	mg/l	ANtr/7.2/RES/06	1	No relaxation	BLQ (LOQ-0.001)
38	Polynuclear aromatic hydrocarbon (PAH)	µg/l	ANtr/7.2/RES/03	0.1	No relaxation	BLQ (LOQ-0.03)
39	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04	0.5	No relaxation	BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'-heptachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)

☞ Please refer last Page for Note and Remarks.

**Reviewed By**  
  
 Rajkiran Shende  
 Sr. Chemist

Kashish Dharmajani  
 Deputy Technical Manager

**Authorized Signatory**

Chinmay Ganai  
 Deputy Quality Manager





Test Report

Test Report No.: ALPL/09042026/22-17

Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt. -Bairampur (C.G.) - 497 222.	<b>Sample Inward No.</b> ALPL/30032026/ENV_EW-1/98-97 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026 <b>Report Issue Date</b> 09.04.2026
<b>Sample Description</b> Ground Water	<b>Sample Particulars / Details</b> GW-1	<b>Purpose of analysis</b> Drinking
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANtd/7.2/MON-01		<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:00 pm		<b>Sampling Location</b> GNC Camp
<b>Tests required</b> : Polynuclear aromatic hydrocarbons, Trihalomethanes		

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
II	Discipline : Chemical	Group : Residues contaminants in water				
40	Polynuclear aromatic hydrocarbons					
	Naphthalene	µg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.03)
	Acenaphthylene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Acenaphthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluorene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Phenanthrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Chrysene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(b)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(k)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Indeno(123,cd)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Dibenzo(a,h)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(ghi)perylene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
43	Trihalomethanes					
i	Bromoform	mg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.05)
ii	Dibromochloromethane	mg/l		0.1	No relaxation	BLQ (LOQ-0.05)
iii	Bromodichloromethane	mg/l		0.05	No relaxation	BLQ (LOQ-0.05)
iv	Chloroform	mg/l		0.2	No relaxation	BLQ (LOQ-0.05)

Please refer last Page for Note and Remarks.

Reviewed By

Kashish Dhanrajani  
Deputy Technical Manager

Authorized Signatory

Chinmay Gadhay  
Deputy Quality Manager





Test Report

Test Report No.: ALPL/09042026/22-17

Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt.: -Bairampur (C.G.) - 497 222.	<b>Sample Inward No.</b> ALPL/30032026/ENV.EW-1/98-97 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026 <b>Report Issue Date</b> 09.04.2026
<b>Sample Description</b> Ground Water	<b>Sample Particulars / Details</b> GW-1	<b>Purpose of analysis</b> Drinking
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANtd/7.2/MON-01		<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3.00 pm		<b>Sampling Location</b> GNC Camp
<b>Tests required - Pesticide Residues Organochlorine</b>		

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
III	<b>Discipline : Chemical</b>	<b>Group : Residues contaminants in water</b>				
41	<b>Pesticide Residues Organochlorine</b>					
1	Alpha-HCH	µg/l	ANtr/7.2/RES/01	0.01	No relaxation	BLQ (LOQ-0.01)
	Beta HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
	Delta- HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
2	Gamma - HCH (Lindane)	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
3	Alachlor	µg/l	ANtr/7.2/RES/01	20	No relaxation	BLQ (LOQ-0.03)
4	Aldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
	Dieldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
5	Butachlor	µg/l	ANtr/7.2/RES/01	125	No relaxation	BLQ (LOQ-0.03)
6	p,p'-DDE, o,p'-DDE, p,p'-DDD, o,p'-DDD, o,p'-DDT, p,p'-DDT	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
7	Atrazine	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
8	2,4-Dichlorophenoxyacetic acid	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
9	Endosulphan	µg/l	ANtr/7.2/RES/01	0.4	No relaxation	BLQ (LOQ-0.03)
	Alpha-Endosulphan					
	Beta-Endosulphan					
	Endosulphan sulphate					

Please refer last Page for Note and Remarks.

Reviewed By

Kajalish Dhawajani  
Deputy Technical Manager

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager





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Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt. -Balrampur (C.G.) - 497 222		<b>Sample Inward No.</b> ALPL/30032026/ENV/EW-1/98-97	<b>Analysis Start</b> 30.03.2026
		<b>Inward Date</b> 30.03.2026	<b>Analysis End</b> 09.04.2026
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<b>Sample Description</b> Ground Water	<b>Sample Particulars / Details</b> GW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3.00 pm	<b>Sampling Location</b> GNC Camp
<b>Tests required - Pesticide Residues Organophosphorus</b>			

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
IV	Discipline : Chemical		Group : Residues contaminants in water			
41	Pesticide Residues Organophosphorus					
10	Isoproturon	µg/l	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	µg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraaxon methyl	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
13	Malathion	µg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03)
	Malaaxon	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
14	Ethion	µg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate		ANtr/7.2/RES/01			
	Phorate-sulfone	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfoxide					

NOTE: ● Please see watermark "Original Test Report" to confirm the authenticity of this report ● Results shall be referred to tested sample(s) and applicable to tested parameters only ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs ● Liability of Anacon Labs is limited to invoiced amount only ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise ● mg/l is equivalent to ppm ● µg/l is equivalent to ppb ● BLQ= below limit of quantification, LOQ= limit of quantification ● Result for test no. 8 is not relevant ● ANtr/7.2/RES-01, ANtr/7.2/RES/06: Inhouse validated method ● NT indicates not Tested as sample failed to establish safety concerns ● Sampling Method-ANtd/7.2/MON-01 ● Environmental condition - Satisfactory ● Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

REMARKS: As requested by the client, sample was tested for above parameters only. The submitted sample complies with requirement as per IS: 10500:2012, for tests conducted only.

Reviewed By

Kashish Dharmajani  
Deputy Technical Manager

Authorized Signatory

Chinmay Gardey  
Deputy Quality Manager

-----END OF REPORT-----





# Anacon Laboratories

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## Test Report

Test Report No.: ALPL/09042026/22-18

Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt. -Balrampur (C.G.) - 497 222		<b>Sample Inward No.</b> ALPL/30032026/ENV.EW-1/98-98 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264, 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026 <b>Report Issue Date</b> 09.04.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No.ANtd/7.2/MON-01		<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:10 pm	<b>Sampling Location</b> Water ATM Outlet
<b>Tests required</b> Coliform, Escherichia coli, Alkalinity, Ammonia, Anionic surface active agents, Colour, Cyanide, Chloride, Calcium, Chloramines, Free residual chlorine, Fluoride, Magnesium, Nitrate, Odour, pH, Phenolic compounds, Sulphate, Sulphide, Taste, Total dissolved solids, Turbidity, Total hardness, Mineral Oil			

### TEST RESULTS

S. N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
			<b>Discipline : Biological</b>	<b>Group : Water</b>		
1	Coliform	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
2	Escherichia coli	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
			<b>Discipline : Chemical</b>	<b>Group : Water</b>		
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 23)	200	600	89.7
4	Ammonia (as N)	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BLQ (LOQ-0.1)
5	Anionic Detergents (as MBAS)	mg/l	IS 13428 : (Annex K)	0.2	1.0	BLQ (LOQ-0.01)
6	Colour	Hazen units	IS 3025 (Part 4) Clause 4	5	15	BLQ(LOQ-1)
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5	0.05	No relaxation	BLQ (LOQ-0.005)
8	Chloride (as Cl)	mg/l	IS 3025 (Part 32) Clause 2	250	1000	29.9
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) Clause 5	75	200	35.6
10	Chloramines (as Cl <sub>2</sub> )	mg/l	IS 3025 (Part 26)	4.0	No relaxation	BLQ (LOQ-0.1)
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) Clause 7	0.2	1	BLQ (LOQ-0.1)
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) Clause 6	1.0	1.5	BLQ(LOQ-0.1)
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) Clause 6	30	100	8.26
14	Nitrate (as NO <sub>3</sub> )	mg/l	APHA 23 <sup>rd</sup> edition: Method 4500-NO3	45	No relaxation	BLQ(LOQ-2)
15	Odour	-	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable
16	pH	-	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	7.55
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6	0.001	0.002	BLQ (LOQ-0.001)
18	Sulphate (as SO <sub>4</sub> )	mg/l	IS 3025 (Part 24/ Sec1) Clause 5	200	400	4.97
19	Taste	-	IS 3025 (Part 8)	Agreeable	Agreeable	Agreeable
20	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	172
21	Turbidity	NTU	IS 3025 : (Part 10)	1	5	BLQ (LOQ-0.1)
22	Total hardness (as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part 21) Clause 5	200	600	123
23	Sulphide (as H <sub>2</sub> S)	mg/l	IS 3025 (Part 29)	0.05	No relaxation	BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Reviewed By

Trupti Bakde  
Senior Chemist

Authorized Signatories

Pranita Manchewar  
Dy. Technical Manager

Chinmay Ganesh  
Deputy Quality Manager



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*Test Report*

Test Report No.: ALPL/09042026/22-18

Dated 09.04.2026

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<b>Issued To :</b> <b>M/s Hindalco Industries Limited</b> Samari Bauxite Mines, P.O. Kusmi, Distt. - Balrampur (C.G.) - 497 222	<b>Sample Inward No.</b> ALPL/30032026/ENV/EW-1/98-98 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026  <b>Report Issue Date</b> 09.04.2026
	<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANtr/7.2/MON-01		<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:10 pm		<b>Sampling Location</b> Water ATM Outlet
<b>Tests required</b> Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium, Zinc, Polynuclear aromatic hydrocarbon (PAH), Polychlorinated biphenyls		

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	<b>Discipline : Chemical</b>	<b>Group : Residues and contaminants in water</b>				
24	Arsenic (as As)	mg/l	IS 3025 (Part 37)	0.01	No relaxation	BLQ (LOQ-0.01)
25	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	BLQ (LOQ-0.02)
26	Barium (as Ba)	mg/l	IS 3025 (Part 2)	0.7	No relaxation	BLQ (LOQ-0.02)
27	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ (LOQ-0.02)
28	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ (LOQ-0.02)
29	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ (LOQ-0.002)
30	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.35
31	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ (LOQ-0.01)
32	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ (LOQ-0.02)
33	Mercury (as Hg)	mg/l	IS 3025 (Part 48)	0.001	No relaxation	BLQ (LOQ-0.001)
34	Selenium (as Se)	mg/l	IS 3025 (Part 56)	0.01	No relaxation	BLQ (LOQ-0.01)
35	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ (LOQ-0.02)
36	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ (LOQ-0.02)
II	<b>Discipline : Chemical</b>	<b>Group : Residues contaminants in water</b>				
37	Mineral Oil	mg/l	ANtr/7.2/RES/06	1	No relaxation	BLQ (LOQ-0.001)
38	Polynuclear aromatic hydrocarbon (PAH)	µg/l	ANtr/7.2/RES/03	0.1	No relaxation	BLQ (LOQ-0.03)
39	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04	0.5	No relaxation	BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'-heptachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

**Reviewed By**  
  
 Rakshan Shende  
 Sr. Chemist

Keshav Dhanrajani  
 Deputy Technical Manager

**Authorized Signatory**  
  
 Chinmay Garway  
 Deputy Quality Manager





*Test Report*

Test Report No.: ALPL/09042026/22-18

Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Sarnari Bauxite Mines, P.O. Kusmi, Distt. - Balrampur (C.G.) - 497 222.	<b>Sample Inward No.</b> ALPL/30032026/ENV.EW-1/98-98 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026 <b>Report Issue Date</b> 09.04.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANtd/7.2/MON-01		<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:10 pm		<b>Sampling Location</b> Water ATM Outlet
<b>Tests required</b> , Polynuclear aromatic hydrocarbons, Trihalomethanes		

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
II	Discipline : Chemical	Group : Residues contaminants in water				
40	Polynuclear aromatic hydrocarbons					
	Naphthalene	µg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.03)
	Acenaphthylene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Acenaphthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluorene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Phenanthrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Chrysene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(b)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(k)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Indeno(1,2,3-cd)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Dibenzo(a,h)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(ghi)perylene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
41	Trihalomethanes					
i	Bromoform	mg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.05)
ii	Dibromochloromethane	mg/l		0.1	No relaxation	BLQ (LOQ-0.05)
iii	Bromodichloromethane	mg/l		0.06	No relaxation	BLQ (LOQ-0.05)
iv	Chloroform	mg/l		0.2	No relaxation	BLQ (LOQ-0.05)

⚠ Please refer last Page for Note and Remarks.

Reviewed By

*Kaish-Dhaduani*  
Kaish-Dhaduani  
Deputy Technical Manager

Authorized Signatory

*Chinmay Garwady*  
Chinmay Garwady  
Deputy Quality Manager





Test Report

Test Report No.: ALPL/09042026/22-18

Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt.: Balrampur (C.G.) - 497 222		<b>Sample Inward No.</b> ALPL/30032026/ENV.EW-1/98-98 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264, 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026 <b>Report Issue Date</b> 09.04.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:10 pm	<b>Sampling Location</b> Water ATM Outlet
<b>Tests required - Pesticide Residues Organochlorine</b>			

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
III	Discipline : Chemical Group : Residues contaminants in water					
42	Pesticide Residues Organochlorine					
1	Alpha-HCH	µg/l	ANtr/7.2/RES/01	0.01	No relaxation	BLQ (LOQ-0.01)
	Beta HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
	Delta- HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
2	Gamma - HCH (Lindane)	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
3	Alachlor	µg/l	ANtr/7.2/RES/01	20	No relaxation	BLQ (LOQ-0.03)
4	Aldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
	Dieldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
5	Butachlor	µg/l	ANtr/7.2/RES/01	125	No relaxation	BLQ (LOQ-0.03)
6	p,p'-DDE, o,p'-DDE, p,p'-DDD, o,p'-DDD, o,p'-DOT, p,p'-DDT	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
7	Atrazine	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
8	2,4-Dichlorophenoxyacetic acid	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
9	Endosulphan	µg/l	ANtr/7.2/RES/01	0.4	No relaxation	BLQ (LOQ-0.03)
	Alpha-Endosulphan					
	Beta-Endosulphan					
	Endosulphan sulphate					

Please refer last Page for Note and Remarks.

Reviewed By  
  
Kashish Dhanrajani  
Deputy Technical Manager

Authorized Signatory  
  
Chinmay Gargay  
Deputy Quality Manager





Test Report

Test Report No.: ALPL/09042026/22-18

Dated 09.04.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt. -Balrampur (C.G.) - 497 222.	<b>Sample Inward No.</b> ALPL/30032026/ENV.EW-1/98-98 <b>Inward Date</b> 30.03.2026 <b>Reference</b> 13562310264, 17.05.2024	<b>Analysis Start</b> 30.03.2026 <b>Analysis End</b> 09.04.2026 <b>Report Issue Date</b> 09.04.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking
<b>Sampled by</b> Anacon representative Mr. Akshar Babulkar as per Sampling Method No ANId/7.2/MON-01		<b>Quantity Received</b> 5 Ltr + 250 ml
<b>Sampling Date:</b> 04.03.2026 <b>Sampling Time:</b> 3:10 pm		<b>Sampling Location</b> Water ATM Outlet
<b>Tests required - Pesticide Residues Organophosphorus</b>		

**TEST RESULTS**

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit	
IV	Discipline : Chemical		Group : Residues contaminants in water			
42	Pesticide Residues Organophosphorus					
10	Isoproturon	µg/l	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	µg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
13	Malathion	µg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03)
	Malaoxon	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
14	Ethion	µg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfone		ANtr/7.2/RES/01			
	Phorate-sulfoxide		ANtr/7.2/RES/01			

**NOTE:** ● Please see watermark "Original Test Report" to confirm the authenticity of this report ● Results shall be referred to tested sample(s) and applicable to tested parameters only.  
● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. ● mg/l is equivalent to ppm ● µg/l is equivalent to ppb. ● BLQ= below limit of quantification, LOQ= limit of quantification.  
● Result for test no. 8 is not relevant. ● ANtr/7.2/RES-01, ANtr/7.2/RES/06: Inhouse validated method. ● NT indicates not Tested as sample failed to establish safety concerns. ● Sampling Method-ANtr/7.2/MON-01 ● Environmental condition - Satisfactory. ● Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

**REMARKS:** As requested by the client, sample was tested for above parameters only. The submitted sample complies with requirement as per IS: 10500:2012, for tests conducted only.

Reviewed By

Kashish Dhanrajani  
Deputy Technical Manager

Authorized Signatory

Chinmay Garwas  
Deputy Quality Manager

-----END OF REPORT-----





# Anacon Laboratories

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## Test Report

Test Report No.: ALPL/09012026/08-1

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Dist :-Balrampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-1 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024		<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026			
<b>Sample Description</b> Ground Water		<b>Sample Particulars / Details</b> GW-1		<b>Purpose of analysis</b> Drinking		<b>Quantity Received</b> 5 Ltr	
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtd/7.2/MON-01				<b>Sampling Date:</b> 20.12.2025 <b>Sampling Time:</b> 01.00 pm		<b>Sampling Location</b> GNC Camp	
<b>Tests required</b> Coliform, <i>Escherichia coli</i> , Alkalinity, Ammonia, Anionic surface active agents, Colour, Cyanide, Chloride, Calcium, Chloramines, Free residual chlorine, Fluoride, Magnesium, Nitrate, Odour, pH, Phenolic compounds, Sulphate, Sulphide, Taste, Total dissolved solids, Turbidity, Total hardness, Mineral Oil							

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
I		Discipline : Biological		Group : Water		
1	Coliform	MPN/100 ml	IS 1622	Absent	Absent	212
2	<i>Escherichia coli</i>	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
II		Discipline : Chemical		Group : Water		
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 23)	200	600	189.15
4	Ammonia (as N)	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BLQ (LOQ-0.1)
5	Anionic Detergents (as MBAS)	mg/l	IS 13428 : (Annex K)	0.2	1.0	BLQ (LOQ-0.01)
6	Colour	Hazen units	IS 3025 (Part 4) Clause 4	5	15	BLQ(LOQ-1)
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5	0.05	No relaxation	BLQ (LOQ-0.005)
8	Chloride (as Cl)	mg/l	IS 3025 (Part 32) Clause 2	250	1000	18.79
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) Clause 5	75	200	40.00
10	Chloramines (as Cl <sub>2</sub> )	mg/l	IS 3025 (Part 26)	4.0	No relaxation	BLQ (LOQ-0.1)
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) Clause 7	0.2	1	BLQ (LOQ-0.1)
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) Clause 6	1.0	1.5	BLQ(LOQ-0.1)
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) Clause 6	30	100	BLQ(LOQ-2)
14	Nitrate (as NO <sub>3</sub> )	mg/l	APHA 23 <sup>rd</sup> edition: Method 4500-NO <sub>3</sub>	45	No relaxation	BLQ(LOQ-2)
15	Odour	-	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable
16	pH	-	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	7.34
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6	0.001	0.002	BLQ (LOQ-0.001)
18	Sulphate (as SO <sub>4</sub> )	mg/l	IS 3025 (Part 24/ Sec1) Clause 5	200	400	2.33
19	Taste	-	IS 3025 (Part 8)	Agreeable	Agreeable	Agreeable
20	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	180
21	Turbidity	NTU	IS 3025 : (Part 10)	1	5	BLQ(LOQ-0.1)
22	Total hardness (as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part 21) Clause 5	200	600	108
23	Sulphide (as H <sub>2</sub> S)	mg/l	IS 3025 (Part 29)	0.05	No relaxation	BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Reviewed By

Srinath Raut  
Technical Manager

Authorized Signatories

Pranita Manchewar  
Dy. Technical Manager

Chinmay Garway  
Deputy Quality Manager



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## Test Report

Test Report No.: ALPL/09012026/08-1

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Dist.-Bairampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-1 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026
<b>Sample Description</b> Ground Water	<b>Sample Particulars / Details</b> GW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtr/7.2/MON-01		<b>Sampling Date:</b> 20.12.2025 <b>Sampling Time:</b> 01.00 pm	<b>Sampling Location</b> GNC Camp
<b>Tests required:</b> Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium, Zinc, Polynuclear aromatic hydrocarbon (PAH), Polychlorinated biphenyls			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	Discipline : Chemical Group : Residues and contaminants in water					
24	Arsenic (as As)	mg/l	IS 3025 (Part 37)	0.01	No relaxation	BLQ (LOQ-0.01)
25	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	BLQ (LOQ-0.02)
26	Barium (as Ba)	mg/l	IS 3025 (Part 2)	0.7	No relaxation	BLQ (LOQ-0.02)
27	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ (LOQ-0.02)
28	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ (LOQ-0.02)
29	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ (LOQ-0.002)
30	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.32
31	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ (LOQ-0.01)
32	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ (LOQ-0.02)
33	Mercury (as Hg)	mg/l	IS 3025 (Part 48)	0.001	No relaxation	BLQ (LOQ-0.001)
34	Selenium (as Se)	mg/l	IS 3025 (Part 56)	0.01	No relaxation	BLQ (LOQ-0.01)
35	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ (LOQ-0.02)
36	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ (LOQ-0.02)
II	Discipline : Chemical Group : Residues contaminants in water					
37	Mineral Oil	mg/l	ANtr/7.2/RES/06	1	No relaxation	BLQ (LOQ-0.001)
38	Polynuclear aromatic hydrocarbon (PAH)	µg/l	ANtr/7.2/RES/03	0.1	No relaxation	BLQ (LOQ-0.03)
39	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04	0.5	No relaxation	BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'-heptachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Reviewed by

Dhanashree Hiwanj  
Sr. Technical Assistant

Kishish Dhananjani  
Deputy Technical Manager

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager





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## Test Report

Test Report No.: ALPL/09012026/08-1

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-1 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026
<b>Sample Description</b> Ground Water	<b>Sample Particulars / Details</b> GW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 20.12.2025 <b>Sampling Time:</b> 01.00 pm	<b>Sampling Location</b> GNC Camp
<b>Tests required</b> , Polynuclear aromatic hydrocarbons, Trihalomethanes			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	Discipline : Chemical	Group : Residues contaminants in water				
40	Polynuclear aromatic hydrocarbons			0.1	No relaxation	
	Naphthalene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Acenaphthylene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Acenaphthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluorene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Phenanthrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Chrysene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(b)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(k)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Indeno(123,cd)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Dibenzo(a,h)anthracene	µg/l	ANtr/7.2/RES/04	BLQ (LOQ-0.03)		
	Benzo(ghi)perylene	µg/l	ANtr/7.2/RES/04	BLQ (LOQ-0.03)		
43	Trihalomethanes					
i	Bromoform	mg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.05)
ii	Dibromochloromethane	mg/l		0.1	No relaxation	BLQ (LOQ-0.05)
iii	Bromodichloromethane	mg/l		0.06	No relaxation	BLQ (LOQ-0.05)
iv	Chloroform	mg/l		0.2	No relaxation	BLQ (LOQ-0.05)

Please refer last Page for Note and Remarks.

Reviewed By

*Kashish Ghantani*  
 Kashish Ghantani  
 Deputy Technical Manager

Authorized Signatory

*Ghinmay Garway*  
 Ghinmay Garway  
 Deputy Quality Manager



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## Test Report

Test Report No.: ALPL/09012026/08-1

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Dist. :-Balrampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-1 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024		<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026	
<b>Sample Description</b> Ground Water		<b>Sample Particulars / Details</b> GW-1		<b>Purpose of analysis</b> Drinking	
<b>Quantity Received</b> 5 Ltr		<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 20.12.2025 <b>Sampling Time:</b> 01.00 pm	
<b>Sampling Location</b> GNC Camp		<b>Tests required - Pesticide Residues Organochlorine</b>			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
III	Discipline : Chemical Group : Residues contaminants in water					
41	Pesticide Residues Organochlorine					
1	Alpha-HCH	µg/l	ANtr/7.2/RES/01	0.01	No relaxation	BLQ (LOQ-0.01)
	Beta HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
	Delta- HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
2	Gamma - HCH (Lindane)	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
3	Alachlor	µg/l	ANtr/7.2/RES/01	20	No relaxation	BLQ (LOQ-0.03)
4	Aldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
	Dieldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
5	Butachlor	µg/l	ANtr/7.2/RES/01	125	No relaxation	BLQ (LOQ-0.03)
6	p,p'-DDE, o,p'-DDE, p,p'-DDD, o,p'-DDD, o,p'- DDT, p,p'- DDT	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
7	Atrazine	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
8	2,4-Dichlorophenoxyacetic acid	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
9	Endosulphan					
	Alpha-Endosulphan	µg/l	ANtr/7.2/RES/01	0.4	No relaxation	BLQ (LOQ-0.03)
	Beta-Endosulphan					
	Endosulphan sulphate					

Please refer last Page for Note and Remarks.

Reviewed By

Kasthuri Dhanrajani  
 Deputy Technical Manager

Authorized Signatory

Ghinmay Dhanrajani  
 Deputy Quality Manager



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## Test Report

Test Report No.: ALPL/09012026/08-1

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Saman Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-1 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024		<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026	
<b>Sample Description</b> Ground Water		<b>Sample Particulars / Details</b> GW-1		<b>Purpose of analysis</b> Drinking	
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No. ANtd/7.2/MON-01		<b>Sampling Date:</b> 20.12.2025 <b>Sampling Time:</b> 01.00 pm		<b>Quantity Received</b> 5 Ltr <b>Sampling Location</b> GNC Camp	
<b>Tests required - Pesticide Residues Organophosphorus</b>					

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
IV	Discipline : Chemical		Group : Residues contaminants in water			
41	Pesticide Residues Organophosphorus					
10	Isoproturon	µg/l	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	µg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
13	Malathion	µg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03)
	Malaoxon	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
14	Ethion	µg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfone		ANtr/7.2/RES/01			
	Phorate-sulfoxide		ANtr/7.2/RES/01			

**NOTE:** ● Please see watermark "Original Test Report" to confirm the authenticity of this report ● Results shall be referred to tested sample(s) and applicable to tested parameters only ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise ● #Permissible limit in absence of an alternate source for drinking water ● mg/l is equivalent to 'ppm'. ● µg/l is equivalent to 'ppb'. ● BLQ= below limit of quantification, LOQ= limit of quantification. ● Result for test no. 8 is not relevant. ● ANtr/7.2/RES-01, ANtr/7.2/RES/06: Inhouse validated method. ● NT' indicates not Tested as sample failed to establish safety concerns. ● Sampling Method-ANtd/7.2/MON-01 ● Environmental condition - Satisfactory. ● Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**REMARKS:** As requested by the client, sample was tested for above parameters only. Sample bearing the details mentioned as above is not complying with IS 10500 : 2012 requirements for the test sr. no. - 1.

Reviewed By

Kashish Dhanrajani  
 Deputy Technical Manager

Authorized Signatory

Chinmay Desai  
 Deputy Quality Manager

-----END OF REPORT-----



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## Test Report

Test Report No.: ALPL/09012026/08-2

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Saman Bauxite Mines, P.O. Kusmi, Distt :-Balrampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-2 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 19.12.2025 <b>Sampling Time:</b> 01.05 pm	<b>Sampling Location</b> Water ATM Outlet
<b>Tests required</b> Coliform, Escherichia coli, Alkalinity, Ammonia, Anionic surface active agents, Colour, Cyanide, Chloride, Calcium, Chloramines, Free residual chlorine, Fluoride, Magnesium, Nitrate, Odour, pH, Phenolic compounds, Sulphate, Sulphide, Taste, Total dissolved solids, Turbidity, Total hardness, Mineral Oil			

### TEST RESULTS

S. N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
		<b>Discipline : Biological</b>		<b>Group : Water</b>		
1	Coliform	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
2	Escherichia coli	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)
		<b>Discipline : Chemical</b>		<b>Group : Water</b>		
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 23)	200	600	94.57
4	Ammonia (as N)	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BLQ (LOQ-0.1)
5	Anionic Detergents (as MBAS)	mg/l	IS 13428 : (Annex K)	0.2	1.0	BLQ (LOQ-0.01)
6	Colour	Hazen units	IS 3025 (Part 4) Clause 4	5	15	BLQ(LOQ-1)
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5	0.05	No relaxation	BLQ (LOQ-0.005)
8	Chloride (as Cl)	mg/l	IS 3025 (Part 32) Clause 2	250	1000	23.48
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) Clause 5	75	200	8.8
10	Chloramines (as Cl <sub>2</sub> )	mg/l	IS 3025 (Part 26)	4.0	No relaxation	BLQ (LOQ-0.1)
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) Clause 7	0.2	1	BLQ (LOQ-0.1)
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) Clause 6	1.0	1.5	BLQ(LOQ-0.1)
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) Clause 6	30	100	BLQ(LOQ-2)
14	Nitrate (as NO <sub>3</sub> )	mg/l	APHA 23 <sup>rd</sup> edition: Method 4500-NO3	45	No relaxation	BLQ(LOQ-2)
15	Odour	-	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable
16	pH	-	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	6.91
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6	0.001	0.002	BLQ (LOQ-0.001)
18	Sulphate (as SO <sub>4</sub> )	mg/l	IS 3025 (Part 24/ Sec1) Clause 5	200	400	2.29
19	Taste	-	IS 3025 (Part 8)	Agreeable	Agreeable	Agreeable
20	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	74
21	Turbidity	NTU	IS 3025 : (Part 10)	1	5	BLQ (LOQ-0.1)
22	Total hardness (as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part 21) Clause 5	200	600	BLQ(LOQ-4)
23	Sulphide (as H <sub>2</sub> S)	mg/l	IS 3025 (Part 29)	0.05	No relaxation	BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Reviewed By

Snehar Raut  
Technical Manager

Authorized Signatories

Pranita Manchewar  
Dy. Technical Manager

Chinmay Gaway  
Deputy Quality Manager



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## Test Report

Test Report No.: ALPL/09012026/08-2

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-2 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 19.12.2025 <b>Sampling Time:</b> 01.05 pm	<b>Sampling Location</b> Water ATM Outlet
<b>Tests required</b> Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium, Zinc, Polynuclear aromatic hydrocarbon (PAH), Polychlorinated biphenyls			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	<b>Discipline : Chemical</b>	<b>Group : Residues and contaminants in water</b>				
24	Arsenic (as As)	mg/l	IS 3025 (Part 37)	0.01	No relaxation	BLQ (LOQ-0.01)
25	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	BLQ (LOQ-0.02)
26	Barium (as Ba)	mg/l	IS 3025 (Part 2)	0.7	No relaxation	BLQ (LOQ-0.02)
27	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ (LOQ-0.02)
28	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ (LOQ-0.02)
29	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ (LOQ-0.002)
30	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.41
31	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ (LOQ-0.01)
32	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ (LOQ-0.02)
33	Mercury (as Hg)	mg/l	IS 3025 (Part 48)	0.001	No relaxation	BLQ (LOQ-0.001)
34	Selenium (as Se)	mg/l	IS 3025 (Part 56)	0.01	No relaxation	BLQ (LOQ-0.01)
35	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ (LOQ-0.02)
36	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ (LOQ-0.02)
II	<b>Discipline : Chemical</b>	<b>Group : Residues contaminants in water</b>				
37	Mineral Oil	mg/l	ANtr/7.2/RES/06	1	No relaxation	BLQ (LOQ-0.001)
38	Polynuclear aromatic hydrocarbon (PAH)	µg/l	ANtr/7.2/RES/03	0.1	No relaxation	BLQ (LOQ-0.03)
39	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04	0.5	No relaxation	BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'-heptachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)

○ Please refer last Page for Note and Remarks.

Reviewed by

Dhanashree Hiwari  
Sr. Technical Assistant

Kashish Dhanrajani  
Deputy Technical Manager

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager



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## Test Report

Test Report No.: ALPL/09012026/08-2

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Distt :-Balrampur (C.G.) - 497 222		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-2 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264, 17.05.2024	<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 19.12.2025 <b>Sampling Time:</b> 01.05 pm	<b>Sampling Location</b> Water ATM Outlet
<b>Tests required</b> Polynuclear aromatic hydrocarbons, Trihalomethanes			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
II	Discipline : Chemical	Group : Residues contaminants in water				
40	Polynuclear aromatic hydrocarbons					
	Naphthalene	µg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.03)
	Acenaphthylene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Acenaphthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluorene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Phenanthrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Chrysene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(a)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(b)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(k)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Indeno(123,cd)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Dibenzo(a,h)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	Benzo(ghi)perylene	µg/l	ANtr/7.2/RES/04	BLQ (LOQ-0.03)		
41	Trihalomethanes					
i	Bromoform	mg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.05)
ii	Dibromochloromethane	mg/l		0.1	No relaxation	BLQ (LOQ-0.05)
iii	Bromodichloromethane	mg/l		0.06	No relaxation	BLQ (LOQ-0.05)
iv	Chloroform	mg/l		0.2	No relaxation	BLQ (LOQ-0.05)

Please refer last Page for Note and Remarks.

Reviewed By

Kashish Dhanrajani  
Deputy Technical Manager

Authorized Signatory

Chinmay Ganway  
Deputy Quality Manager



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## Test Report

Test Report No.: ALPL/09012026/08-2

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Dist.:-Bairampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-2 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264, 17.05.2024	<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No. ANtd/7.2/MON-01		<b>Sampling Date:</b> 19.12.2025 <b>Sampling Time:</b> 01.05 pm	<b>Sampling Location</b> Water ATM Outlet
<b>Tests required - Pesticide Residues Organochlorine</b>			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
III	Discipline : Chemical Group : Residues contaminants in water					
42	Pesticide Residues Organochlorine					
1	Alpha-HCH	µg/l	ANtr/7.2/RES/01	0.01	No relaxation	BLQ (LOQ-0.01)
	Beta HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
	Delta- HCH	µg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)
2	Gamma - HCH (Lindane)	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
3	Alachlor	µg/l	ANtr/7.2/RES/01	20	No relaxation	BLQ (LOQ-0.03)
4	Aldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
	Dieldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)
5	Butachlor	µg/l	ANtr/7.2/RES/01	125	No relaxation	BLQ (LOQ-0.03)
6	p,p'-DDE, o,p'-DDE, p,p'-DDD, o,p'-DDD, o,p'- DDT, p,p'- DDT	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)
7	Atrazine	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
8	2,4-Dichlorophenoxyacetic acid	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
9	Endosulphan					
	Alpha-Endosulphan	µg/l	ANtr/7.2/RES/01	0.4	No relaxation	BLQ (LOQ-0.03)
	Beta-Endosulphan					
	Endosulphan sulphate					

Please refer last Page for Note and Remarks.

Reviewed By

Kashish Dhanrajani  
 Deputy Technical Manager

Authorized Signatory

Chinmay Ganway  
 Deputy Quality Manager



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## Test Report

Test Report No.: ALPL/09012026/08-2

Dated 09.01.2026

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<b>Issued To :</b> M/s Hindalco Industries Limited Samari Bauxite Mines, P.O. Kusmi, Dist.: -Bairampur (C.G.) - 497 222.		<b>Sample Inward No.</b> ALPL/241225/EW -1/14-2 <b>Inward Date</b> 24.12.2025 <b>Reference</b> 13562310264; 17.05.2024	<b>Analysis Start</b> 24.12.2025 <b>Analysis End</b> 07.01.2026 <b>Report Issue Date</b> 09.01.2026
<b>Sample Description</b> Drinking Water	<b>Sample Particulars / Details</b> DW-1	<b>Purpose of analysis</b> Drinking	<b>Quantity Received</b> 5 Ltr
<b>Sampled by</b> Anacon representative Mr. Akhil Mahajan as per Sampling Method No ANtd/7.2/MON-01		<b>Sampling Date:</b> 19.12.2025 <b>Sampling Time:</b> 01.05 pm	<b>Sampling Location</b> Water ATM Outlet
<b>Tests required - Pesticide Residues Organophosphorus</b>			

### TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result
				Acceptable Limit	Permissible Limit #	
IV	Discipline : Chemical		Group : Residues contaminants in water			
42	Pesticide Residues Organophosphorus					
10	Isoproturon	µg/l	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	µg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
13	Malathion	µg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03)
	Malaaxon	µg/l	ANtr/7.2/RES/01	-	-	BLQ (LOQ-0.03)
14	Ethion	µg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfone		ANtr/7.2/RES/01			
	Phorate-sulfoxide		ANtr/7.2/RES/01			

**NOTE:** ● Please see watermark "Original Test Report" to confirm the authenticity of this report. ● Results shall be referred to tested sample(s) and applicable to tested parameters only. ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only. ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. ● #Permissible limit in absence of an alternate source for drinking water. ● 'µg/l' is equivalent to 'ppm'. ● 'µg/l' is equivalent to 'ppb'. ● BLQ= below limit of quantification. ● LOQ= limit of quantification. ● Result for test no. 8 is not relevant. ● ANtr/7.2/RES-01, ANtr/7.2/RES/06: Inhouse validated method. ● NT indicates not Tested as sample failed to establish safety concerns. ● Sampling Method-ANtd/7.2/MON-01 ● Environmental condition - Satisfactory. ● Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**REMARKS:** As requested by the client, sample was tested for above parameters only. The submitted sample complies with requirement as per IS: 10500:2012, for tests conducted only.

Reviewed By

Kastubh Dhanrajani  
 Deputy Technical Manager

Authorized Signatory

Chinmay Garway  
 Deputy Quality Manager

-----END OF REPORT-----



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जल संसाधन विभाग,  
केंद्रीय 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 SAMRI BAUXITE MINE OF M/S HINDALCO INDUSTRIES LIMITED	
PROJECT ADDRESS VILLAGE SAMRI BLOCK KUSMI	PIN CODE 497224
STATE CHHATTISGARH	DISTRICT BALRAMPUR
TOWN/BLOCK KUSMI	
COMMUNICATION ADDRESS MINES DIVISION, COURT ROAD	
ADDRESS OF CGWB REGIONAL OFFICE Reena Apartment, 2nd Floor, NH 43, Dhamtari Road, Panchpedi Naka, Raipur- 492001, Chattisgarh.	
1. NOC NO. NOC/MIN/CG/2025/1744/R-3/3	2. DATE OF ISSUANCE 25/03/2025
3. APPLICATION NO. MIN/CG/2025/1744/R-3	4. APPLICATION TYPE Mining
5. PROJECT STATUS Existing Project	6. NOC TYPE Renew
7. VALID FROM 29/04/2025	8. VALID UP TO 28/04/2027
9. WATER QUALITY TYPE Fresh Water	10. AREA TYPE CATEGORY Safe (GWRE-2024)

11. Ground Water Abstraction Permitted

GW Abstraction		Dewatering		Total	
m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year
9.40	3134.00	0.00	0.00	9.40	3134.00

12. Details of Ground Water Abstraction /Dewatering Structures

EXISTING 1					PROPOSED 0					TOTAL 1				
DW	DCB	BW	TW	Pu	DW	DCB	BW	TW	Pu	DW	DCB	BW	TW	Pu
0	0	1	0	0	0	0	0	0	0	0	0	1	0	0

\*DW-Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; Pu Pumps;

13. No. Of Mine Pits

EXISTING	PROPOSED	TOTAL
0	0	0

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

Phase I (within 30 days)

1. Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) is mandatory for all users seeking No Objection Certificate. Intimation regarding their installation shall be updated in Self-Compliance Module (Phase-I) of BhuNeer APP portal within 30 days of grant of No Objection Certificate.

Phase II (after 11 months)



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Test Report

Page 1 of 1

Ambient Air Quality-January - 2026

Report No.:-	ALPL/09022026/21-1	Report Date:-	09.02.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt :-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babuikar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	<b>Discipline:</b> Chemical		<b>Group:</b> Atmospheric Pollution		<b>Material or Product tested :</b> Ambient Air		
AAQ-1	Samri-Gopatu/ Near Weigh bridge	05-01-2026	62.8	25.4	17.1	24.9	BLQ (LOQ-0.5)
		07-01-2026	59.7	21.1	18.2	22.9	BLQ (LOQ-0.5)
		10-01-2026	63.5	21.8	17.4	25.9	BLQ (LOQ-0.5)
		14-01-2026	61.6	21.7	19.4	27.2	BLQ (LOQ-0.5)
		16-01-2026	55.6	20.6	18.7	26.3	BLQ (LOQ-0.5)
		20-01-2026	60.7	18.7	19.7	25.5	BLQ (LOQ-0.5)
		21-01-2026	54.5	16.9	20.1	26.8	BLQ (LOQ-0.5)
		27-01-2026	60.8	20.7	17.7	25.9	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-1	Samri-Gopatu/ Near Weigh bridge	05-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



Test Report

**Ambient Air Quality-January - 2026**

Report No.:-	ALPL/09022026/21-2	Report Date:-	09.02.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Sarani Bauxite Mines, P.O. Kusmi, Distt:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-2	Dhandiapat/ Nr. Mining Area	05-01-2026	60.8	20.7	17.7	25.9	BLQ (LOQ-0.5)
		07-01-2026	58.5	25.5	18.7	24.8	BLQ (LOQ-0.5)
		10-01-2026	64.9	22.8	20.4	24	BLQ (LOQ-0.5)
		14-01-2026	59.4	20.8	19.2	24.5	BLQ (LOQ-0.5)
		16-01-2026	49.1	21.9	18.4	21.3	BLQ (LOQ-0.5)
		20-01-2026	56.5	18.3	18.6	20.4	BLQ (LOQ-0.5)
		21-01-2026	53.6	19.1	19.4	19.1	BLQ (LOQ-0.5)
		27-01-2026	58.8	22.9	20.3	23.9	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-2	Dhandiapat/ Nr. Mining Area	05-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





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## Test Report

Page 1 of 1

### Ambient Air Quality-January - 2026

Report No.:-	ALPL/09022026/21-3	Report Date:-	09.02.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Dist.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-3	Kutku Village/ Nr. V.T. Center	05-01-2026	61.7	22.9	20.4	14.7	BLQ (LOQ-0.5)
		07-01-2026	63.8	26	12.3	15.6	BLQ (LOQ-0.5)
		10-01-2026	63	25	15.6	23.5	BLQ (LOQ-0.5)
		14-01-2026	65.2	26.9	22.7	14.7	BLQ (LOQ-0.5)
		16-01-2026	64.1	24	20.4	25.6	BLQ (LOQ-0.5)
		20-01-2026	67.9	26.5	15.8	28.9	BLQ (LOQ-0.5)
		21-01-2026	63.3	24.2	21.5	16.5	BLQ (LOQ-0.5)
		27-01-2026	60.9	28.6	24.6	16.8	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-3	Kutku Village/ Nr. V.T. Center	05-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



*Test Report*

**Ambient Air Quality-January - 2026**

Report No.:-	ALPL/09022026/21-4	Report Date:-	09.02.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	<b>Discipline:</b> Chemical		<b>Group:</b> Atmospheric Pollution		<b>Material or Product tested :</b> Ambient Air		
AAQ-4	Dumerkholi/ Nr. Mining Area	05-01-2026	61.4	24.1	20.7	19.1	BLQ (LOQ-0.5)
		07-01-2026	62.8	27.9	21.4	17.9	BLQ (LOQ-0.5)
		10-01-2026	58.9	26.3	23.06	21.3	BLQ (LOQ-0.5)
		14-01-2026	56.9	28.3	19.8	21.1	BLQ (LOQ-0.5)
		16-01-2026	60.7	21.2	18.8	20.4	BLQ (LOQ-0.5)
		20-01-2026	59.8	24.5	19.4	21.1	BLQ (LOQ-0.5)
		21-01-2026	68.1	22.3	16.2	19.8	BLQ (LOQ-0.5)
		27-01-2026	57.3	20.9	16.6	19.7	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-4	Dumerkholi/ Nr. Mining Area	05-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

**NOTES:** • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Ganashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





Test Report

**Ambient Air Quality-January - 2026**

Report No.:-	ALPL/09022026/21-5	Report Date:-	09.02.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt :-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-5	Sairaidh Campus	02-01-2026	66.2	20.2	19.8	22.1	BLQ (LOQ-0.5)
		06-01-2026	69.7	17.1	20.1	21	BLQ (LOQ-0.5)
		09-01-2026	62.9	25.1	24.6	28.79	BLQ (LOQ-0.5)
		13-01-2026	60.9	26.3	13.62	19.44	BLQ (LOQ-0.5)
		19-01-2026	64.1	23.4	21.78	23.4	BLQ (LOQ-0.5)
		24-01-2026	66.8	18.8	28.25	27.38	BLQ (LOQ-0.5)
		28-01-2026	62.5	21.4	20.28	21.75	BLQ (LOQ-0.5)
		30-01-2026	58.5	19.1	22.1	23.5	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-5	Sairaidh Campus	02-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

**NOTES:** • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.5/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





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## Test Report

Page 1 of 1

Ambient Air Quality-February-2026

Report No.:-	ALPL/07032026/24-1	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samri Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-1	Samri-Gopatu/ Near Weigh bridge	02-02-2026	65.1	28	12.3	22.7	BLQ (LOQ-0.5)
		05-02-2026	69.3	25.7	13.3	23.7	BLQ (LOQ-0.5)
		10-02-2026	63.4	29	14.9	18.2	BLQ (LOQ-0.5)
		13-02-2026	62.9	25.4	14.7	19.3	BLQ (LOQ-0.5)
		16-02-2026	61.1	33.4	11.2	24.2	BLQ (LOQ-0.5)
		18-02-2026	62.3	31.5	15.2	23.5	BLQ (LOQ-0.5)
		23-02-2026	63.7	32	10.2	19.6	BLQ (LOQ-0.5)
		25-02-2026	66.7	32.9	13.19	17.5	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-1	Samri-Gopatu/ Near Weigh bridge	02-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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Test Report

Ambient Air Quality-January - 2026

Report No.:-	ALPL/09022026/21-6	Report Date:-	09.02.2026
Issued to :-	<b>M/s Hindalco Industries Limited</b>	Address:-	Saman Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	<b>Discipline:</b> Chemical	<b>Group:</b> Atmospheric Pollution		<b>Material or Product tested :</b> Ambient Air			
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	02-01-2026	62.3	18.2	10.2	20.1	BLQ (LOQ-0.5)
		06-01-2026	63.1	19.5	9.1	14.5	BLQ (LOQ-0.5)
		09-01-2026	61.2	20.1	13.84	21.6	BLQ (LOQ-0.5)
		13-01-2026	59.2	22.3	10.89	15.3	BLQ (LOQ-0.5)
		19-01-2026	58.4	24.6	17.74	18.46	BLQ (LOQ-0.5)
		24-01-2026	52.4	18.9	20.5	20.7	BLQ (LOQ-0.5)
		28-01-2026	48.2	17.4	15.6	16.7	BLQ (LOQ-0.5)
		30-01-2026	49.7	18.5	21.2	20	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	02-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

**NOTES:** • Please see watermark "Original Test Report" to confirm the authenticity of this report • Results shall be referred to tested sample(s) and applicable to tested parameters only • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification ; LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





*Test Report*

**Ambient Air Quality-January - 2026**

Report No.:-	ALPL/09022026/21-7	Report Date:-	09.02.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-7	Piprapat/ Nr. Mining Area	02-01-2026	60.5	20.5	10.3	23.4	BLQ (LOQ-0.5)
		06-01-2026	67.9	19.8	11.3	21.4	BLQ (LOQ-0.5)
		09-01-2026	61.8	19.9	10.5	24.4	BLQ (LOQ-0.5)
		13-01-2026	50.2	21.3	12.5	19.5	BLQ (LOQ-0.5)
		19-01-2026	68.3	17.4	11.7	24.1	BLQ (LOQ-0.5)
		24-01-2026	52.1	22.2	13.4	20.3	BLQ (LOQ-0.5)
		28-01-2026	55.1	23.8	11.1	19.9	BLQ (LOQ-0.5)
		30-01-2026	61.2	22.3	11.5	20.7	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-7	Piprapat/ Nr. Mining Area	02-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garvay  
Deputy Quality Manager

---End of Report---





# Anacon Laboratories

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## Test Report

### Ambient Air Quality-January - 2026

Report No.:-	ALPL/09022026/21-8	Report Date:-	09.02.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt. :-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02022026/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	02.02.2026
Test Started On:-	03.02.2026	Test Completed On:-	09.02.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-8	Virhorepat	05-01-2026	54.4	28.8	13.2	23.1	BLQ (LOQ-0.5)
		07-01-2026	73.6	23.5	20.6	11.7	BLQ (LOQ-0.5)
		10-01-2026	58.3	27.3	20.7	19.4	BLQ (LOQ-0.5)
		14-01-2026	76.6	25	23.8	23.9	BLQ (LOQ-0.5)
		16-01-2026	59.2	25.6	18.5	20.8	BLQ (LOQ-0.5)
		20-01-2026	59.6	27.7	14.6	15.6	BLQ (LOQ-0.5)
		21-01-2026	56.4	33.2	22.0	20.2	BLQ (LOQ-0.5)
		27-01-2026	75.6	30.8	20.1	15.1	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-8	Virhorepat	05-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27-01-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
 Senior Chemist

Dhanashree Hiwanj  
 Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
 Deputy Quality Manager

---End of Report---



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Test Report

**Ambient Air Quality-February-2026**

Report No.:-	ALPL/07032026/24-2	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt :-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	<b>Discipline:</b> Chemical		<b>Group:</b> Atmospheric Pollution		<b>Material or Product tested :</b> Ambient Air		
AAQ-2	Dhandiapat/ Nr. Mining Area	02-02-2026	75.1	32.4	18.5	26.3	BLQ (LOQ-0.5)
		05-02-2026	71.2	32	13.1	25	BLQ (LOQ-0.5)
		10-02-2026	74.7	29.1	18.3	23.7	BLQ (LOQ-0.5)
		13-02-2026	73.2	28.4	15.6	21.8	BLQ (LOQ-0.5)
		16-02-2026	74	32	11.8	21.3	BLQ (LOQ-0.5)
		18-02-2026	78.8	32.8	10.1	18.2	BLQ (LOQ-0.5)
		23-02-2026	71.3	29.8	14.8	19.1	BLQ (LOQ-0.5)
		25-02-2026	67.9	30.1	12.3	19.7	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-2	Dhandiapat/ Nr. Mining Area	02-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

**NOTES:** • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification; LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwar  
Deputy Quality Manager

---End of Report---





*Test Report*

**Ambient Air Quality-February-2026**

Report No.:-	ALPL/07032026/24-3	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-3	Kutku Village/ Nr. V.T. Center	02-02-2026	70.5	28.6	10.19	15.7	BLQ (LOQ-0.5)
		05-02-2026	75	31.7	15.31	19.9	BLQ (LOQ-0.5)
		10-02-2026	73.9	31.3	16.59	22.9	BLQ (LOQ-0.5)
		13-02-2026	71.7	27.8	12.4	24.4	BLQ (LOQ-0.5)
		16-02-2026	73.6	22.9	13.2	21.9	BLQ (LOQ-0.5)
		18-02-2026	72.5	28.3	14.3	22.6	BLQ (LOQ-0.5)
		23-02-2026	69.3	31.8	9.9	22.4	BLQ (LOQ-0.5)
		25-02-2026	70.2	27.2	10.9	21.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-3	Kutku Village/ Nr. V.T. Center	02-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





# Anacon Laboratories

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## Test Report

Page 1 of 1

Ambient Air Quality-February-2026

Report No.:-	ALPL/07032026/24-4	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-4	Dumerkholi/ Nr. Mining Area	02-02-2026	77	32.7	11.9	27.1	BLQ (LOQ-0.5)
		05-02-2026	73.1	32.3	10.9	20.1	BLQ (LOQ-0.5)
		10-02-2026	76.6	29.4	13	16.8	BLQ (LOQ-0.5)
		13-02-2026	75.1	28.7	12.9	19.2	BLQ (LOQ-0.5)
		16-02-2026	75.9	32.3	9.9	18	BLQ (LOQ-0.5)
		18-02-2026	80.7	33.1	9.2	17.2	BLQ (LOQ-0.5)
		23-02-2026	73.2	30.1	13.3	28.5	BLQ (LOQ-0.5)
		25-02-2026	70.4	30.4	13.8	27.9	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-4	Dumerkholi/ Nr. Mining Area	02-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



Test Report

**Ambient Air Quality-February-2026**

Report No.:-	ALPL/07032026/24-5	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt :-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	<b>Discipline:</b> Chemical	<b>Group:</b> Atmospheric Pollution		<b>Material or Product tested :</b> Ambient Air			
AAQ-5	Sairaidh Campus	03-02-2026	68.7	31.9	15.2	26.7	BLQ (LOQ-0.5)
		07-02-2026	73	29	10.2	25.69	BLQ (LOQ-0.5)
		12-02-2026	77.5	32.1	14.67	20.3	BLQ (LOQ-0.5)
		14-02-2026	76.4	31.7	11.3	22.69	BLQ (LOQ-0.5)
		19-02-2026	74.2	28.2	17.4	19.9	BLQ (LOQ-0.5)
		21-02-2026	76.1	31	14.8	18.7	BLQ (LOQ-0.5)
		23-02-2026	75	33.6	12.4	19.2	BLQ (LOQ-0.5)
		26-02-2026	71.8	31.7	12.6	15.9	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-5	Sairaidh Campus	03-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

**NOTES:** • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhariashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





# Anacon Laboratories

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## Test Report

Ambient Air Quality-February-2026

Report No.:-	ALPL/07032026/24-6	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	03-02-2026	63.7	26.7	15.1	21.4	BLQ (LOQ-0.5)
		07-02-2026	68.3	24.4	14.1	22.4	BLQ (LOQ-0.5)
		12-02-2026	62.1	27.7	12.3	16.9	BLQ (LOQ-0.5)
		14-02-2026	61.4	23.9	11.7	17.8	BLQ (LOQ-0.5)
		19-02-2026	69.5	31.9	14.3	22.7	BLQ (LOQ-0.5)
		21-02-2026	74.8	28.1	12.2	22	BLQ (LOQ-0.5)
		23-02-2026	62.6	24.5	15.47	18.5	BLQ (LOQ-0.5)
		26-02-2026	65.6	31.8	10.99	16.4	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	03-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinmay Ganraj  
Deputy Quality Manager





Test Report

**Ambient Air Quality-February-2026**

Report No.:-	ALPL/07032026/24-7	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANId/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-7	Piprapat/ Nr. Mining Area	03-02-2026	63.9	22.8	9.1	18	BLQ (LOQ-0.5)
		07-02-2026	67.2	24.4	9.8	15.9	BLQ (LOQ-0.5)
		12-02-2026	61.1	26.2	9	17	BLQ (LOQ-0.5)
		14-02-2026	58.7	18.7	9.8	18.6	BLQ (LOQ-0.5)
		19-02-2026	57.1	24.4	8.2	17.1	BLQ (LOQ-0.5)
		21-02-2026	59	20.7	9	17.6	BLQ (LOQ-0.5)
		23-02-2026	62.2	22.7	7.8	18.9	BLQ (LOQ-0.5)
		26-02-2026	57.5	21.5	6.7	18.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-7	Piprapat/ Nr. Mining Area	03-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





*Test Report*

**Ambient Air Quality-February-2026**

Report No.:-	ALPL/07032026/24-8	Report Date:-	07.03.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.: Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/28022026/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	28.02.2026
Test Started On:-	02.03.2026	Test Completed On	07.03.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-8	Virhorepat.	03-02-2026	66.3	24.9	11.2	20.1	BLQ (LOQ-0.5)
		07-02-2026	69.3	26.5	11.9	18	BLQ (LOQ-0.5)
		12-02-2026	63.2	28.3	11.1	19.1	BLQ (LOQ-0.5)
		14-02-2026	61.1	21.1	12.2	21	BLQ (LOQ-0.5)
		19-02-2026	59.5	26.8	10.6	19.5	BLQ (LOQ-0.5)
		21-02-2026	61.4	23.1	11.4	20	BLQ (LOQ-0.5)
		23-02-2026	64.6	25.1	10.2	21.3	BLQ (LOQ-0.5)
		26-02-2026	69.9	23.9	9.1	20.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-8	Virhorepat	03-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26-02-2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Dhanashree Hiwanj  
Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinmay Ganmay  
Deputy Quality Manager





Test Report

Ambient Air Quality-March-2026

Report No.:-	ALPL/09042026/22-1	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samri Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-		Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-1	Samri-Gopatu/ Near Weigh bridge	04.03.2026	74.4	33.1	11.8	23.4	BLQ (LOQ-0.5)
		06.03.2026	77.1	36.2	10.5	18.4	BLQ (LOQ-0.5)
		10.03.2026	80.5	34.7	17.9	22.1	BLQ (LOQ-0.5)
		13.03.2026	78.6	37.1	11.3	15.4	BLQ (LOQ-0.5)
		17.03.2026	80.6	34.1	9.7	13.7	BLQ (LOQ-0.5)
		19.03.2026	75.4	36.6	17.9	22.1	BLQ (LOQ-0.5)
		24.03.2026	80	34.7	16.0	23.9	BLQ (LOQ-0.5)
		26.03.2026	74.1	38.6	10.2	25.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-1	Samri-Gopatu/ Near Weigh bridge	04.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards

Reviewed by

Trupti Bakde  
Senior Chemist

Rajkiran Shende  
Senior Chemist

Authorized Signatory

Chinmay Garvey  
Deputy Quality Manager

----End of Report----





*Test Report*

**Ambient Air Quality-March-2026**

Report No.:-	ALPL/09042026/22-2	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-	31.03.2026	Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-2	Dhandiapat/ Nr. Mining Area	04.03.2026	70.9	37.4	10.0	24.1	BLQ (LOQ-0.5)
		06.03.2026	71.7	35.7	15.1	22.3	BLQ (LOQ-0.5)
		10.03.2026	69.4	38.5	10.3	24.6	BLQ (LOQ-0.5)
		13.03.2026	70.2	34.4	16.0	20.7	BLQ (LOQ-0.5)
		17.03.2026	72.2	36.9	11.8	15.3	BLQ (LOQ-0.5)
		19.03.2026	68.9	34.9	14.6	19.0	BLQ (LOQ-0.5)
		24.03.2026	72.8	35.5	10.7	12.3	BLQ (LOQ-0.5)
		26.03.2026	74.2	39.3	10.4	16.6	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-2	Dhandiapat/ Nr. Mining Area	04.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

**NOTES:** • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Rajkiran Shende  
Senior Chemist

Authorized Signatory

Chinmay Ganay  
Deputy Quality Manager

---End of Report---





# Anacon Laboratories

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## Test Report

Page 1 of 1

Ambient Air Quality-March-2026

Report No.:-	ALPL/09042026/22-3	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-	31.03.2026	Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-3	Kutku Village/ Nr. V.T. Center	04.03.2026	74.3	36.9	13.1	16.9	BLQ (LOQ-0.5)
		06.03.2026	71.2	32.6	10.4	15.0	BLQ (LOQ-0.5)
		10.03.2026	75	33.3	15.5	20.2	BLQ (LOQ-0.5)
		13.03.2026	70.9	34.4	10.9	14.0	BLQ (LOQ-0.5)
		17.03.2026	77.7	39.7	14.1	17.1	BLQ (LOQ-0.5)
		19.03.2026	78.8	35.3	11.3	15.5	BLQ (LOQ-0.5)
		24.03.2026	71.5	33.9	8.8	14.7	BLQ (LOQ-0.5)
		26.03.2026	65.7	30.2	13.8	19.8	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-3	Kutku Village/ Nr. V.T. Center	04.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by  
Trupti Bakde  
Senior Chemist

Reviewed by  
Rajkiran Shende  
Senior Chemist

Authorized Signatory

Chinmay Ganpaty  
Deputy Quality Manager

---End of Report---



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavor towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



*Test Report*

**Ambient Air Quality-March-2026**

Report No.:-	ALPL/09042026/22-4	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-	31.03.2026	Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	<b>Discipline: Chemical</b>		<b>Group: Atmospheric Pollution</b>		<b>Material or Product tested : Ambient Air</b>		
AAQ-4	Dumerkholi/ Nr. Mining Area	04.03.2026	73.2	33.3	6.4	11.7	BLQ (LOQ-0.5)
		06.03.2026	67.2	32.2	11.5	16.2	BLQ (LOQ-0.5)
		10.03.2026	72.2	30.2	16.7	21.0	BLQ (LOQ-0.5)
		13.03.2026	66	28.4	15.1	19.8	BLQ (LOQ-0.5)
		17.03.2026	72.2	32.1	11.3	14.8	BLQ (LOQ-0.5)
		19.03.2026	69.9	36.9	14.1	18.5	BLQ (LOQ-0.5)
		24.03.2026	76.3	34.2	8.2	11.8	BLQ (LOQ-0.5)
		26.03.2026	70.8	32.2	6.9	10.1	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-4	Dumerkholi/ Nr. Mining Area	04.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>----</b>	<b>6.0 (annual)</b>	<b>----</b>

NOTES: ● Please see watermark "Original Test Report" to confirm the authenticity of this report. ● Results shall be referred to tested sample(s) and applicable to tested parameters only. ● Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● BLQ= below limit of quantification, LOQ= limit of quantification. ● Environmental condition - Satisfactory. ● Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards.

Reviewed by  
  
Trupti Bakde  
Senior Chemist

Reviewed by  
  
Akshay Babulkar  
Senior Chemist

Authorized Signatory  
  
Chinmay Ganway  
Deputy Quality Manager

---End of Report---





*Test Report*

Ambient Air Quality-March-2026

Report No.:-	ALPL/09042026/22-5	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt. -Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-	31.03.2026	Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-5	Sairaidh Campus	05.03.2026	58.2	23.6	5.8	10.9	BLQ (LOQ-0.5)
		07.03.2026	68.3	22.1	7.1	13.0	BLQ (LOQ-0.5)
		11.03.2026	63.2	21.2	5.7	9.7	BLQ (LOQ-0.5)
		14.03.2026	55.6	22.8	7.2	12.3	BLQ (LOQ-0.5)
		18.03.2026	54.7	23.6	6.5	12.2	BLQ (LOQ-0.5)
		21.03.2026	65.3	25.5	5.9	11.9	BLQ (LOQ-0.5)
		25.03.2026	60.2	20.48	6.9	13.3	BLQ (LOQ-0.5)
		28.03.2026	54.3	21	7.1	14.6	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-5	Sairaidh Campus	05.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Bakiran Shende  
Senior Chemist

Authorized Signatory

Chinmay Garvay  
Deputy Quality Manager

---End of Report---





Test Report

**Ambient Air Quality-March-2026**

Report No.:-	ALPL/09042026/22-6	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-	31.03.2026	Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	05.03.2026	60.2	24.3	9.4	11.7	BLQ (LOQ-0.5)
		07.03.2026	61.6	22.8	5.7	10.7	BLQ (LOQ-0.5)
		11.03.2026	59.8	21.9	6.6	12.2	BLQ (LOQ-0.5)
		14.03.2026	56.6	23.5	7.2	11.6	BLQ (LOQ-0.5)
		18.03.2026	61.3	24.2	7.3	15.6	BLQ (LOQ-0.5)
		21.03.2026	63.2	26.1	7.6	16.1	BLQ (LOQ-0.5)
		25.03.2026	55.9	21.08	5.6	14.8	BLQ (LOQ-0.5)
		28.03.2026	56.3	21.6	6.9	15.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	05.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

**Remark:** - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Rajkiran Shende  
Senior Chemist

Authorized Signatory

Chinmay Gargay  
Deputy Quality Manager

---End of Report---





*Test Report*

Ambient Air Quality-March-2026

Report No.:-	ALPL/09042026/22-7	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samani Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-	31.03.2026	Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-7	Piprapat/ Nr. Mining Area	05.03.2026	64.7	25	7.1	10.6	BLQ (LOQ-0.5)
		07.03.2026	60.3	23.5	5.2	12.6	BLQ (LOQ-0.5)
		11.03.2026	65.6	22.6	5.9	9.7	BLQ (LOQ-0.5)
		14.03.2026	62.1	24.2	6.6	10.5	BLQ (LOQ-0.5)
		18.03.2026	55.9	24.8	8.9	11.9	BLQ (LOQ-0.5)
		21.03.2026	59.7	26.7	9.3	16.6	BLQ (LOQ-0.5)
		25.03.2026	60.1	21.68	6.8	14.6	BLQ (LOQ-0.5)
		28.03.2026	53.3	22.2	5.7	15.5	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-7	Piprapat/ Nr. Mining Area	05.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Rajkiran Shende  
Senior Chemist

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---





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## Test Report

Ambient Air Quality-March-2026

Report No.:-	ALPL/09042026/22-8	Report Date:-	09.04.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/30032026/ENV-1/98-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	30.03.2026
Test Started On:-	31.03.2026	Test Completed On:-	09.04.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-8	Virhorepat	05.03.2026	66.0	21.7	11.2	18.8	BLQ (LOQ-0.5)
		07.03.2026	58.5	24.2	10.1	18.3	BLQ (LOQ-0.5)
		11.03.2026	56.6	23.3	11.0	19.9	BLQ (LOQ-0.5)
		14.03.2026	57.8	24.9	13.3	18.1	BLQ (LOQ-0.5)
		18.03.2026	53.6	25.4	10.8	19.7	BLQ (LOQ-0.5)
		21.03.2026	62.2	20.1	11.8	20.0	BLQ (LOQ-0.5)
		25.03.2026	58.9	22.28	12.9	19.7	BLQ (LOQ-0.5)
		28.03.2026	59.7	22.8	13.1	18.8	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-8	Virhorepat	05.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.03.2026	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Trupti Bakde  
Senior Chemist

Rajkiran Shende  
Senior Chemist

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

Page 1 of 1

### Ambient Air Quality-December-2025

Report No.:-	ALPL/08012026/2-1	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-1 to 8
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-1	Samri-Gopatu/ Near Weigh bridge	01.12.2025	65.4	29.3	14.1	18.4	BLQ (LOQ-0.5)
		04.12.2025	71.2	33.7	15.3	20.7	BLQ (LOQ-0.5)
		09.12.2025	68.5	28.1	12.4	18.7	BLQ (LOQ-0.5)
		12.12.2025	75.4	30.6	15.1	17.6	BLQ (LOQ-0.5)
		16.12.2025	67.2	27.4	13.7	19.5	BLQ (LOQ-0.5)
		19.12.2025	73.1	32.2	11.2	19.1	BLQ (LOQ-0.5)
		23.12.2025	69.5	28.5	13.7	18.2	BLQ (LOQ-0.5)
		29.12.2025	65.6	24.4	14.1	17.4	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-1	Samri-Gopatu/ Near Weigh bridge	01.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		04.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



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## Test Report

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### Ambient Air Quality- December-2025

Report No.:-	ALPL/08012026/2-2	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-9 to 16
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-2	Dhandiapat/ Nr. Mining Area	01.12.2025	70.2	29.6	14.7	16.1	BLQ (LOQ-0.5)
		04.12.2025	74.3	32.6	12.8	18.7	BLQ (LOQ-0.5)
		09.12.2025	67.3	29.1	11.6	21.1	BLQ (LOQ-0.5)
		12.12.2025	60.8	27.6	13.5	19.4	BLQ (LOQ-0.5)
		16.12.2025	64.5	29.6	12.4	17.4	BLQ (LOQ-0.5)
		19.12.2025	62.2	26.1	15.3	15.1	BLQ (LOQ-0.5)
		23.12.2025	67.1	28.6	13.1	18.7	BLQ (LOQ-0.5)
		29.12.2025	70.2	30.5	14.1	16.1	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-2	Dhandiapat/ Nr. Mining Area	01.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		04.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Ganway  
Deputy Quality Manager

---End of Report---



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



# Anacon Laboratories

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## Test Report

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### Ambient Air Quality- December-2025

Report No.:-	ALPL/08012026/2-3	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-17 to 24
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-3	Kutku Village/ Nr. V.T. Center	01.12.2025	63.8	28.7	12.1	18.4	BLQ (LOQ-0.5)
		04.12.2025	68.9	27.2	14.4	17.1	BLQ (LOQ-0.5)
		09.12.2025	74.6	24.4	13.5	15.8	BLQ (LOQ-0.5)
		12.12.2025	71.2	22.5	12.3	19.5	BLQ (LOQ-0.5)
		16.12.2025	69.1	27.5	14.1	17.5	BLQ (LOQ-0.5)
		19.12.2025	73.7	30.6	13.5	20.3	BLQ (LOQ-0.5)
		23.12.2025	70.8	27.9	11.8	19.3	BLQ (LOQ-0.5)
		29.12.2025	67.3	30.6	12.9	18.3	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-3	Kutku Village/ Nr. V.T. Center	01.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		04.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager



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## Test Report

Page 1 of 1

### Ambient Air Quality- December-2025

Report No.:-	ALPL/08012026/2-4	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-25 to 32
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-4	Dumerkholi/ Nr. Mining Area	01.12.2025	74.7	32.6	13.5	17.1	BLQ (LOQ-0.5)
		04.12.2025	67.3	35.2	12.5	15.1	BLQ (LOQ-0.5)
		09.12.2025	72.6	32.5	11.9	14.6	BLQ (LOQ-0.5)
		12.12.2025	66.7	38.6	13.6	15.7	BLQ (LOQ-0.5)
		16.12.2025	68.5	33.6	12.3	16.6	BLQ (LOQ-0.5)
		19.12.2025	68.3	28.4	12.7	14.6	BLQ (LOQ-0.5)
		23.12.2025	70.8	29.4	13.6	18.7	BLQ (LOQ-0.5)
		29.12.2025	68.3	32.5	11.5	17.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-4	Dumerkholi/ Nr. Mining Area	01.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		04.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

### Ambient Air Quality- December-2025

Report No.:-	ALPL/08012026/2-5	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-33 to 40
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7 2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-5	Sairaidh Campus	02.12.2025	71.8	28.7	12.6	17.8	BLQ (LOQ-0.5)
		05.12.2025	69.4	25.7	10.5	15.5	BLQ (LOQ-0.5)
		10.12.2025	74.7	27.3	13.5	16.1	BLQ (LOQ-0.5)
		13.12.2025	69.7	28.8	14.7	15.8	BLQ (LOQ-0.5)
		17.12.2025	61.4	25.5	12.5	16.6	BLQ (LOQ-0.5)
		20.12.2025	70.4	29.6	13.3	18.2	BLQ (LOQ-0.5)
		24.12.2025	64.8	32.3	11.3	16.8	BLQ (LOQ-0.5)
		30.12.2025	68.7	28.2	11.8	14.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-5	Sairaidh Campus	02.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Ganpaty  
Deputy Quality Manager

---End of Report---





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## Test Report

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### Ambient Air Quality- December-2025

Report No.:-	ALPL/08012026/2-6	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-41 to 48
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	02.12.2025	65.2	28.2	11.8	20.3	BLQ (LOQ-0.5)
		05.12.2025	70.6	29.3	13.0	16.9	BLQ (LOQ-0.5)
		10.12.2025	68.3	25.3	12.2	19.1	BLQ (LOQ-0.5)
		13.12.2025	72.3	30.9	13.3	17.7	BLQ (LOQ-0.5)
		17.12.2025	65.5	28.1	11.9	19.7	BLQ (LOQ-0.5)
		20.12.2025	60.2	31.5	10.6	16.5	BLQ (LOQ-0.5)
		24.12.2025	67.6	26.7	12.6	18.6	BLQ (LOQ-0.5)
		30.12.2025	73.4	22.4	11.8	16.3	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	02.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garvey  
Deputy Quality Manager

---End of Report---



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## Test Report

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### Ambient Air Quality- December-2025

Report No.:-	ALPL/08012026/2-7	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-49 to 56
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-7	Piprapat/ Nr. Mining Area	02.12.2025	66.5	25.8	14.3	20.1	BLQ (LOQ-0.5)
		05.12.2025	59.7	27.8	12.2	21.7	BLQ (LOQ-0.5)
		10.12.2025	61.7	24.3	11.1	18.9	BLQ (LOQ-0.5)
		13.12.2025	71.4	26.7	10.4	15.7	BLQ (LOQ-0.5)
		17.12.2025	68.8	25.3	10.9	16.8	BLQ (LOQ-0.5)
		20.12.2025	62.7	28.7	11.8	18.1	BLQ (LOQ-0.5)
		24.12.2025	66.6	27.6	13.5	19.3	BLQ (LOQ-0.5)
		30.12.2025	72.3	30.5	11.8	16.3	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-7	Piprapat/ Nr. Mining Area	02.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Ganway  
Deputy Quality Manager

---End of Report---



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## Test Report

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### Ambient Air Quality- December-2025

Report No.:-	ALPL/08012026/2-8	Report Date:-	08.01.2026
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/02012026/ENV-1/96-57 to 64
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	02.01.2026
Test Started On:-	03.01.2026	Test Completed On:-	07.01.2026
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-8	Virhorepat	02.12.2025	62.5	25.3	12.4	18.1	BLQ (LOQ-0.5)
		05.12.2025	68.8	24.0	10.4	18.9	BLQ (LOQ-0.5)
		10.12.2025	63.7	26.7	11.4	19.4	BLQ (LOQ-0.5)
		13.12.2025	58.1	29.5	10.8	16.8	BLQ (LOQ-0.5)
		17.12.2025	62.2	28.0	11.1	19.7	BLQ (LOQ-0.5)
		20.12.2025	68.2	29.5	9.7	17.5	BLQ (LOQ-0.5)
		24.12.2025	71.6	24.4	10.6	16.3	BLQ (LOQ-0.5)
		30.12.2025	63.7	26.6	11.1	18.1	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-8	Virhorepat	02.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.12.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Gaway  
Deputy Quality Manager

---End of Report---



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## Test Report

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### Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-1	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-1	Samri-Gopatu/ Near Weigh bridge	03.11.2025	68.1	26.2	8.9	11.8	BLQ (LOQ-0.5)
		06.11.2025	64.2	24.3	11.2	14.3	BLQ (LOQ-0.5)
		10.11.2025	67.5	25.7	9.5	12.4	BLQ (LOQ-0.5)
		13.11.2025	59.8	21.5	8.7	15.4	BLQ (LOQ-0.5)
		17.11.2025	53.6	20.2	9.2	16.1	BLQ (LOQ-0.5)
		20.11.2025	61.3	23.8	8.5	11.7	BLQ (LOQ-0.5)
		24.11.2025	65.2	26.7	10.1	15.2	BLQ (LOQ-0.5)
		27.11.2025	58.7	23.1	8.7	14.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-1	Samri-Gopatu/ Near Weigh bridge	03.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

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Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-2	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-2	Dhandiapat/ Nr. Mining Area	03.11.2025	72.1	30.7	14.6	19.2	BLQ (LOQ-0.5)
		06.11.2025	75.5	37.5	15.7	22.1	BLQ (LOQ-0.5)
		10.11.2025	71.2	32.7	16.7	23.5	BLQ (LOQ-0.5)
		13.11.2025	68.6	29.2	16.1	20.6	BLQ (LOQ-0.5)
		17.11.2025	64.9	27.2	17.1	21.2	BLQ (LOQ-0.5)
		20.11.2025	70.9	31.2	16.5	24.7	BLQ (LOQ-0.5)
		24.11.2025	74.4	33.1	14.4	23.2	BLQ (LOQ-0.5)
		27.11.2025	72.1	36.3	16.3	21.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-2	Dhandiapat/ Nr. Mining Area	03.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification, LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Sneha Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwey  
Deputy Quality Manager

---End of Report---



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## Test Report

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### Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-3	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-3	Kutku Village/ Nr. V.T. Center	03.11.2025	78.4	38.2	15.4	25.3	BLQ (LOQ-0.5)
		06.11.2025	83.3	40.2	17.5	24.3	BLQ (LOQ-0.5)
		10.11.2025	76.7	35.6	16.7	20.6	BLQ (LOQ-0.5)
		13.11.2025	77.9	37.4	13.8	18.7	BLQ (LOQ-0.5)
		17.11.2025	82.2	32.1	13.4	20.6	BLQ (LOQ-0.5)
		20.11.2025	78.4	41.2	14.6	23.7	BLQ (LOQ-0.5)
		24.11.2025	73.4	32.7	14.9	20.1	BLQ (LOQ-0.5)
		27.11.2025	69.8	34.6	14.4	22.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-3	Kutku Village/ Nr. V.T. Center	03.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehar Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

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Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-4	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt. -Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-4	Dumerkholi/ Nr. Mining Area	03.11.2025	65.7	28.3	15.2	18.3	BLQ (LOQ-0.5)
		06.11.2025	73.7	31.2	16.5	19.8	BLQ (LOQ-0.5)
		10.11.2025	80.8	34.1	15.8	23.3	BLQ (LOQ-0.5)
		13.11.2025	75.6	38.5	13.5	21.2	BLQ (LOQ-0.5)
		17.11.2025	70.5	34.5	14.7	19.3	BLQ (LOQ-0.5)
		20.11.2025	78.6	37.7	13.6	21.3	BLQ (LOQ-0.5)
		24.11.2025	71.2	29.8	15.1	19.8	BLQ (LOQ-0.5)
		27.11.2025	77.3	33.1	17.5	20.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-4	Dumerkholi/ Nr. Mining Area	03.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

Page 1 of 1

### Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-5	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.: -Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-5	Sairaidh Campus	04.11.2025	78.6	29.3	15.4	19.7	BLQ (LOQ-0.5)
		07.11.2025	68.4	34.6	14.3	22.4	BLQ (LOQ-0.5)
		11.11.2025	69.7	32.2	12.3	17.2	BLQ (LOQ-0.5)
		14.11.2025	71.8	28.2	15.6	21.8	BLQ (LOQ-0.5)
		18.11.2025	61.7	33.2	17.1	18.5	BLQ (LOQ-0.5)
		21.11.2025	69.1	26.6	15.2	19.3	BLQ (LOQ-0.5)
		25.11.2025	74.4	31.5	13.6	15.6	BLQ (LOQ-0.5)
		28.11.2025	80.4	36.1	15.5	19.8	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-5	Sairaidh Campus	04.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

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### Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-6	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	04.11.2025	73.4	33.8	13.5	22.6	BLQ (LOQ-0.5)
		07.11.2025	69.4	38.6	12.9	21.4	BLQ (LOQ-0.5)
		11.11.2025	78.7	35.5	14.6	16.6	BLQ (LOQ-0.5)
		14.11.2025	71.6	30.5	12.2	18.3	BLQ (LOQ-0.5)
		18.11.2025	67.7	34.6	13.6	19.4	BLQ (LOQ-0.5)
		21.11.2025	75.6	32.2	15.2	18.6	BLQ (LOQ-0.5)
		25.11.2025	69.9	31.5	14.3	22.1	BLQ (LOQ-0.5)
		28.11.2025	67.4	28.8	15.8	16.6	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-6	Tatijharia Village/ Nr.Weigh Bridge	04.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager



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## Test Report

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### Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-7	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.: -Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-7	Piprapat/ Nr. Mining Area	04.11.2025	65.4	27.2	15.4	19.1	BLQ (LOQ-0.5)
		07.11.2025	69.7	33.2	12.3	21.9	BLQ (LOQ-0.5)
		11.11.2025	74.2	26.5	13.6	23.6	BLQ (LOQ-0.5)
		14.11.2025	79.1	28.8	12.9	21.8	BLQ (LOQ-0.5)
		18.11.2025	68.2	31.2	14.9	19.6	BLQ (LOQ-0.5)
		21.11.2025	71.6	34.3	14.1	20.4	BLQ (LOQ-0.5)
		25.11.2025	74.3	26.6	15.8	18.7	BLQ (LOQ-0.5)
		28.11.2025	67.6	29.8	13.5	21.7	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-7	Piprapat/ Nr. Mining Area	04.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

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### Ambient Air Quality-November-2025

Report No.:-	ALPL/05122025/2-8	Report Date:-	05.12.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/01122025/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	01.12.2025
Test Started On:-	02.12.2025	Test Completed On	04.12.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-8	Virhorepat	04.11.2025	66.6	32.3	14.7	19.1	BLQ (LOQ-0.5)
		07.11.2025	71.2	28.5	13.8	17.2	BLQ (LOQ-0.5)
		11.11.2025	73.3	32.6	14.5	18.7	BLQ (LOQ-0.5)
		14.11.2025	68.7	27.6	13.5	19.5	BLQ (LOQ-0.5)
		18.11.2025	64.4	24.5	15.3	16.4	BLQ (LOQ-0.5)
		21.11.2025	68.3	28.3	11.7	18.7	BLQ (LOQ-0.5)
		25.11.2025	63.2	22.6	12.8	17.4	BLQ (LOQ-0.5)
		28.11.2025	56.8	20.1	14.4	22.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-8	Virhorepat	04.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.11.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

NOTES: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification. • LOQ= limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/05).

Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehar Raut  
Technical Manager

Dhahashree Hiwanj  
Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinmay Garwey  
Deputy Quality Manager



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



# Anacon Laboratories

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## Test Report

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### Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-1	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
<b>Test Method</b>			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-1	Samri-Gopatu/ Near Weigh bridge	02.10.2025	67.5	27.1	12.2	14.4	BLQ (LOQ-0.5)
		06.10.2025	71.6	23.3	14.7	16.8	BLQ (LOQ-0.5)
		09.10.2025	66.5	30.2	12.8	15.6	BLQ (LOQ-0.5)
		13.10.2025	64.4	26.8	10.6	17.3	BLQ (LOQ-0.5)
		16.10.2025	72.2	25.8	12.6	18	BLQ (LOQ-0.5)
		20.10.2025	62.7	27.7	9.7	15.1	BLQ (LOQ-0.5)
		23.10.2025	67.3	29.9	11.8	17.1	BLQ (LOQ-0.5)
		28.10.2025	72.5	30.9	13.4	20.9	BLQ (LOQ-0.5)
<b>NAAQMS Standards</b>			<b>100 (24 hrs)</b>	<b>60 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>80 (24 hrs)</b>	<b>2.0 (8 hrs)</b>

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
<b>Test Method</b>			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-1	Samri-Gopatu/ Near Weigh bridge	02.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
<b>NAAQMS Standards</b>			<b>1.0 (24 hrs)</b>	<b>---</b>	<b>6.0 (annual)</b>	<b>---</b>

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

----End of Report----

Authorized Signatory

Chinmay Ganway  
Deputy Quality Manager



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## Test Report

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### Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-2	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-2	Dhandiapat/ Nr. Mining Area	02.10.2025	65.5	25.2	15.7	20.1	BLQ (LOQ-0.5)
		06.10.2025	60.4	24.7	14.2	18.9	BLQ (LOQ-0.5)
		09.10.2025	63.7	28.3	12.7	17.5	BLQ (LOQ-0.5)
		13.10.2025	68.5	25.3	10.7	18.3	BLQ (LOQ-0.5)
		16.10.2025	63.3	23.1	12.1	16.1	BLQ (LOQ-0.5)
		20.10.2025	57.9	26.5	10.7	15.5	BLQ (LOQ-0.5)
		23.10.2025	63.1	24.8	13.8	18.7	BLQ (LOQ-0.5)
		28.10.2025	66.7	27.1	12.6	17.1	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-2	Dhandiapat/ Nr. Mining Area	02.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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## Test Report

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Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-3	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.: -Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-3	Kutku Village/ Nr. V.T. Center	02.10.2025	70.3	28.6	11.2	17.9	BLQ (LOQ-0.5)
		06.10.2025	60.6	23.3	10.6	18.5	BLQ (LOQ-0.5)
		09.10.2025	65.4	30.2	11.4	15.8	BLQ (LOQ-0.5)
		13.10.2025	56.6	23.3	12.8	19.4	BLQ (LOQ-0.5)
		16.10.2025	63.3	25.5	14.2	15.6	BLQ (LOQ-0.5)
		20.10.2025	67.6	29.5	12.6	17.1	BLQ (LOQ-0.5)
		23.10.2025	64.9	26.9	11.2	15.1	BLQ (LOQ-0.5)
		28.10.2025	62.1	24.2	13.4	16.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-3	Kutku Village/ Nr. V.T. Center	02.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Sneha Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwa  
Deputy Quality Manager

---End of Report---



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## Test Report

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Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-4	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-25 to 32
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-4	Dumerkholi/ Nr. Mining Area	02.10.2025	63.2	21.5	11.4	14.8	BLQ (LOQ-0.5)
		06.10.2025	65.7	23.2	9.3	16.7	BLQ (LOQ-0.5)
		09.10.2025	70.8	26.4	11.7	13.2	BLQ (LOQ-0.5)
		13.10.2025	68.3	25.8	12.9	15.1	BLQ (LOQ-0.5)
		16.10.2025	72.6	20.7	12.1	16.2	BLQ (LOQ-0.5)
		20.10.2025	67.6	26.3	10.5	17.2	BLQ (LOQ-0.5)
		23.10.2025	61.6	23.5	12.4	15.7	BLQ (LOQ-0.5)
		28.10.2025	65.7	25.8	10.5	18.1	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-4	Dumerkholi/ Nr. Mining Area	02.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lot of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on [feedback@anacon.in](mailto:feedback@anacon.in).



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## Test Report

Page 1 of 1

### Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-5	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-5	Sairaidh Campus	03.10.2025	69.2	28.4	12.3	16.8	BLQ (LOQ-0.5)
		07.10.2025	63.6	23.4	11.8	18.4	BLQ (LOQ-0.5)
		10.10.2025	56.9	26.3	10.5	15.6	BLQ (LOQ-0.5)
		14.10.2025	59.9	24.7	9.7	14.1	BLQ (LOQ-0.5)
		17.10.2025	58.1	22.6	11.8	18.4	BLQ (LOQ-0.5)
		21.10.2025	64.1	28.6	13.5	16.3	BLQ (LOQ-0.5)
		24.10.2025	59.2	26.5	11.1	17.2	BLQ (LOQ-0.5)
		29.10.2025	64.5	25.1	11.7	18.4	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-5	Sairaidh Campus	03.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

----End of Report----



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## Test Report

Page 1 of 1

### Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-6	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.: Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-6	Tatijharia Village/ Nr. Weigh Bridge	03.10.2025	67.3	23.2	10.1	15.7	BLQ (LOQ-0.5)
		07.10.2025	63.5	21.9	12.2	16.9	BLQ (LOQ-0.5)
		10.10.2025	66.8	25.5	10.9	18.1	BLQ (LOQ-0.5)
		14.10.2025	58.1	21.6	9.5	14.1	BLQ (LOQ-0.5)
		17.10.2025	53.6	24.2	10.3	16.8	BLQ (LOQ-0.5)
		21.10.2025	57.2	28.3	10.5	13.5	BLQ (LOQ-0.5)
		24.10.2025	64.5	26.2	12.2	15.7	BLQ (LOQ-0.5)
		29.10.2025	58.3	23.8	10.1	17.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-6	Tatijharia Village/ Nr. Weigh Bridge	03.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	---	6.0 (annual)	---

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Sneha Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager



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## Test Report

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### Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-7	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical	Group: Atmospheric Pollution		Material or Product tested : Ambient Air			
AAQ-7	Piprapat/ Nr. Mining Area	03.10.2025	57.3	23.2	9.8	16.1	BLQ (LOQ-0.5)
		07.10.2025	66.8	26.4	12.2	14.5	BLQ (LOQ-0.5)
		10.10.2025	63.2	22.5	11.3	16.6	BLQ (LOQ-0.5)
		14.10.2025	54.5	23.8	12.9	12.8	BLQ (LOQ-0.5)
		17.10.2025	65.4	26.5	11.9	15.2	BLQ (LOQ-0.5)
		21.10.2025	68.4	27.6	10.1	16.6	BLQ (LOQ-0.5)
		24.10.2025	62.3	22.7	10.9	13.7	BLQ (LOQ-0.5)
		29.10.2025	60.5	20.9	12.2	15.2	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-7	Piprapat/ Nr. Mining Area	03.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

----End of Report----



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## Test Report

Page 1 of 1

Ambient Air Quality-October-2025

Report No.:-	ALPL/05112025/2-8	Report Date:-	05.11.2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Samari Bauxite Mines, P.O. Kusmi, Distt:-Balrampur (C.G.) - 497 222.
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/31102025/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akhil Mahajan	Sample Inward Date	31.10.2025
Test Started On:-	01.11.2025	Test Completed On:-	05.11.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Sulphur dioxide $\mu\text{g}/\text{m}^3$	Oxides of Nitrogen $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
Test Method			IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemical		Group: Atmospheric Pollution		Material or Product tested : Ambient Air		
AAQ-8	Virhorepat	03.10.2025	66.9	23.3	10.1	14.4	BLQ (LOQ-0.5)
		07.10.2025	64.3	25.4	8.7	17.6	BLQ (LOQ-0.5)
		10.10.2025	57.5	22.2	10.1	14.9	BLQ (LOQ-0.5)
		14.10.2025	60.7	21.6	10.6	18.4	BLQ (LOQ-0.5)
		17.10.2025	67.8	23.4	9.7	13.7	BLQ (LOQ-0.5)
		21.10.2025	64.6	25.3	11.6	16.5	BLQ (LOQ-0.5)
		24.10.2025	61.8	22.2	10.5	14.2	BLQ (LOQ-0.5)
		29.10.2025	65.4	25.1	9.3	13.7	BLQ (LOQ-0.5)
NAAQMS Standards			100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

Sr. No.	LOCATION	Date of sampling	Lead as Pb $\mu\text{g}/\text{m}^3$	Mercury as Hg $\mu\text{g}/\text{m}^3$	Arsenic as As $\text{ng}/\text{m}^3$	Chromium as Cr $\mu\text{g}/\text{m}^3$
Test Method			ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04	ANtr/7.2/RES-INORG/04
AAQ-8	Virhorepat	03.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.10.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	----	6.0 (annual)	----

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Remark: - All Results are within Limit as per NAAQMS Standards.

Reviewed by

Snehal Raut  
Technical Manager

Dhanashree Hiwanj  
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway  
Deputy Quality Manager

---End of Report---



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Date: 30.04.2026

**Hindalco Industries Limited  
Mines Division, Samri**

**Environment Management Cell**

Reconstitution of the Environment Management Cell at **Samri Mines Cluster** having the following members in compliance of the EC Conditions for the Samri, Tatijharia and Kudag Bauxite Mines of Hindalco Industries Ltd.

Sl. No.	Name	Designation	Position
1	Mr. Rajesh Rathore	Head - Mines	Chairman
2	Mr. Amit Tiwari	Manager-Mines	Secretary
3	Mr. Rajeev Ranjan	Manager-Mines	Member
4	Mr. Saptarshi Sengupta	Manager-Geology	Member
5	Dr. Deep Narayan Singh	Asst. Manager-Sustainability	Member
6	Mahadev Kumar	Dy. Manager-Environment	Member
7	Dr. Mohammad Seyami	Medical Officer	Member
8	Miss. Charisma Vijay	Asst. Manager-Sustainability	Member

**Rajesh Rathore**  
**Head- Mines**

**HINDALCO INDUSTRIES LIMITED**  
Samri Mines, Division, Baba Chowk  
At & Post- Kusmi, PIN : 497224,  
Distt – Balrampur-Ramanujanj  
(Chhattisgarh) INDIA

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21<sup>st</sup> Floor, One International Center Tower 4,  
Prabhadevi, Near Prabhadevi Railway Station  
Senapati Bapat Marg, Mumbai 400013  
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E-mail : [hindalco@adityabirla.com](mailto:hindalco@adityabirla.com)  
Corporate Identity No. : L27020MH1958PLC011238

# 56 दजन जुआरया स 17 हजार वरामद

## बड़े-छोटे जुआरी एक ही दिन पकड़े गए

हरिभूमि न्यूज (अनिकपूर)। पुलिस ने शीकांग सखिबका

समगोपण अफवाज को टैंक भर एकेना। इन जुआर पकड़े से पुलिस ने 17200 रुपय एवं ताला के बली

लिफ्ट सजे 52 गो रुपय व ताला के बली बत किए गए हैं। पुलिस को यह भारीवाई ताला 9 वर्ष एव 9 बने के बांध थी है।

जो दूर पानी के न पार करे उड़ न जुआरियों को डककर समगोपण इमारत रूपर मद करने में सक्ता पाई है। 17 जुआर जोहा ताला के समगोपण में खेले ताला भी न खेले पकड़े जा गरी के अली हा नई शीकांग विधिया में मिल गई है। इन जुआरों को एक एकद आभयत जुआरियों में कच बली हुई है।



एसे लोग भी खेलेते है जुआ

बनाये किला है। इसमें नाद पुलिस को टैंक सौमझालय गरी। बंधों पर जुआर खिल के सुरक्षा नकदा, रजल भयभीत रहेकें सिंह, यशोत छात्र, रमजत गुल, सहाय को तिराता में जुआर इनके कब्जे में ताला समगोपण के

खाना कुमाउ उजाय्याय, किसान हादले को भी इसमें पकड़े उनके कब्जे में ताला 250 रुपय एवं ताला के प्रति नाक किए गए हैं। सभी जुआरियों पर पुलिस ने 17 जुआर एकेना का भारीवाई का है।

जुआर अधीनक हैपकका राडी निर्देशन में शीकांग जेआर हर ना देना में बीडी एन नगर डेका नगर शीकांग, शीकांग सब के प्रभारी जलीकाला सिंह, हुन एका के नेपुल में निकले एना बल में बंधों पकड़े गिब बांध समीप तुला खेले उठे खेले हादले, समीप अधवला, सिंह बंधन, अशोक अफवाज,

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## हिण्डालको इण्डस्ट्रीज लिमिटेड

(सामरी खान प्रभाग)

**रूपना**

सर्वसोधारण को संचित किया जाता है कि तनएवं परिवारण मंत्रालय, नई दिल्ली से उनके पत्र क्रमांक ज.11015/353/2007-IA.II(M) दिनांक 27.07.2007 तथा ज.11015/354/2007-IA.II(M) दिनांक 27.07.2007 के तहत हिण्डालको इण्डस्ट्रीज लिमिटेड के सामरी तथा कुदाग बॉक्ससाईट खादलों के क्षमता विस्तार (0.50 मिलियन टन तथा 0.06 मिलियन टन बॉक्ससाईट उत्पादन प्रतिवर्ष) हेतु पर्यावरणतय स्वीकृति अनुमोदित होकर प्राप्त हो चुकी है। इसका स्वकृति पत्र की प्रतिनिधि छग. पर्यावरण संरक्षण मंडल कार्यालय में उपलब्ध है एवं खन एवं परिवारण मंत्रालय की वेबसाईट <http://envfor.nic.in> पर देखी जा सकती है।

धवदीय  
हिण्डालको इण्डस्ट्रीज लिमिटेड  
सामरी खान प्रभाग

### Annexure-I

विद्युत एवं शुभ किया गया है। इसमें कर्मियों को सिधन के लिए संसाधन हो उपलब्ध नहीं है। समगोपण और मरुत नही रहने के कारण अर्द्धजाई के प्रतिस्थापन बने पुरे अर्द्धजाई संसाधन में आठ वें और बिना शुभ किए चुन कर घर पारता बने वाले थे। उन्हें कोस्टकल को भी जानकारी नहीं दी गई। ऐसे में प्रतिस्थापियों को भविष्य अभिरे में है। छात्रों को बताया है कि 20 अरुण से अधिक परीक्षा शुभ है। छात्रों को पता नहीं हुई है कि कौन कौन राह पर कर श्यारी को परीक्षा हो छात्रों को सने जिन्हे प्रतिकूल का थोड़ा भी ज्ञान नहीं है। इसीने बताया कि प्रतिस्थापियों के द्वारा उरद देले

सामगोपण परीक्षा के किताबें प्रकाश पिकली होगे जो प्रतिस्थापियों को सहायता देकर लिखने में सारता। किताबें संसाधन उपलब्ध बकली अकार पर अंधकार कायम पाया है। परीक्षा को भी अज्ञित भारतीय उरद पर विचार को बनी है इसलिए परीक्षा को भी परीक्षा करना संभव नहीं है। अतया पर एव छात्रों के प्रतिस्थापक अरुणों, सुगरीय विन अरुणों बंधु, विक्रम मिश्र, स. निरुध, विन सिंह, आरुणोप प सिंह गुण, अमित एडि, अरुणोप सिंह, अली, रमजत मिश्र व हाको सखला में अर्द्धजाई प्रतिस्थापियों को पकड़े का है।

### स्वतंत्रता सेनानियों को भद्राजलि देने आज जुटेगे कार्य

हरिभूमि न्यूज (अनिकपूर)। स्वतंत्रता सेनानियों के स्मरण एवं श्रद्धांजलि देकर आज 15 अगस्त को सुबह 10 बजे जिला कार्यालय कोर्टों पर नै अनुमोदित अ की जायगा। जिला स्तर पर कार्यक्रम अनेकी ज अरुणोप सहाय, निरुध, अरुणोप सिंह पर शुभ कार्यक्रम सेवा देना, गौतम काली, रमजत अरुणोप एवं शीकांग के सभी प्रतिस्थापियों एवं अन्य गौतम जने से उरद कार्यक्रम अनुमोदित होने को अरुणोप को है।

## आवश्यकता

हरिभूमि अनिकपूर जिला कार्यालय के प्रचार मार्केटिंग में कार्य करने के लिए बसवारी, योग्य तथा अनुभवी का फायर मुक्त व सुविधियों की शीप उपलब्धता है।

- उम्मीदवारों में निम्नलिखित श्रेणियां होना अनिवार्य है -
- 12 वीं या स्नातक उत्तीर्ण होना चाहिए।
- आयु 30 वर्ष से अधिक नहीं होनी चाहिए।
- कंपनी द्वारा संपादित इवेंट में कार्य कर जगह उरुणोप संभालित करने हेतु बगए से बाहर भी जा सकेंगे।
- अधिक विवरण हमें सवाग हो।

वेतनमान -  
योग्यतनुसार वेतन देय होगा।

कार्य का समय  
प्रारंभ 7 से 2 बजे तक सीकर बरके  
सायं 4 से 6 बजे तक शीकांग जिला

शिक्षण का समय  
सायं 5 बजे से 6 बजे तक

## हरिभूमि

सरगुजा जिला कार्यालय के द्वारा पुरे बड़े गौरी टंकी के पास  
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फोन 98261-19698, 98261-62196, 98930-877

बया। शासन की रिपोर्टों के मुताबिक इस आंदोलन में भाग लेने वालों में नैरा, एनटीपीसी, एचटीपीपी, इको, निहारिका सहित सभी क्षेत्रों के लोगों ने भाग लिया। दो मंटे तक चले हुए आंदोलन में अन्य सभी लोग उपस्थित थे।

राजनांदवाब के अलावा सुजी विस्थापन का विवाद 20 मई 1997 को लखनऊ में आयोजित एक जनता दिवस के समयाक के पुनः सर्वेक्षण के माध्यम से पुनः काया कल्पित किया जाने लगा।

पत्थलगांव/प्रतीकवाद प्रदेश के बरौला तहसील एवं पूर्व मुख्यामत्री अजीत प्रसोद जोशी के सुपुत्र अजीत जोशी का स्थानीय युवा कार्यकर्ताओं ने जन्म दिवस मनाया। परथलगांव के सामुदायिक स्वास्थ्य केन्द्र के चर्च में पहुँचकर सुचना काेंरी सी कार्यकर्ताओं ने प्रीतपाल नाथिक के सौजन्य से फल, फिस्टूट, बेर का वितरण किया तथा काेंरी

काय कला का सुशालकम पूरे अजीत जोशी के जन्मदिन के अवसर पर अस्पताल प्रतिष्ठान में भोज एवं मिस्किट भित्तन के तहत हरमोडिन्ड अचवाले मनोज आचरट, रवि सादब, विशामुद्दीन, सुवेन्द शेलवानी, शिव अशवान, प्रदलान सिवान, अशोक सेहिल एवं अन्य सामाजिक कार्यकर्ता उपस्थित थे।

# गीता को कटघोरा का प्रभार

हा अधिकांसी नौशिन बन्धित को पदोन्नति मिलने वाली थी। लेकिन वे अभी स्थानांतरण के लिए बरतार।

## आई निगम के आयुक्त जए लगा रहे जोर

के दबाव नहीं कर रहे हैं। प्रदेश शासन द्वारा जारी आदेश के अनुसार राफने 198 बैच के अधिकारी आईई वीराभुष को राजनांदवाब का अपर कलेक्टर पदस्थ किया गया है। डीडी सिंह का जरापुर

कलेक्टर बनाए जाने के बाद से राजनांदवाब अपर कलेक्टर का पद रिक्त 2-3 माह से रिक्त था। श्री वंशमूल नवा अजीत परियोजना के अपर समायक के पद पर प्राचीन समायक के पद पर पंचायत समीत विकास विभाग में प्रतिनियुक्ति पर थे। इस बीच 2004 बैच का एक प्रतियुक्त अक्षरों को सहायक कलेक्टर के पद पर पदस्थ किया गया है। आईईएस अजर संगीता को कटघोरा एवं जगत कुमार को सारांगड अनुविभागीय अधिकारी बनाया गया है।

# खाद नहीं मिलने को लेकर कृषकों ने निकाली रैली

पत्थलगांव/क्षेत्र के किसानों को खाद नहीं मिल रहा है, जिसको लेकर कल परथलगांव के किसान नैरा वेदप्रकाश मिश्रा ने प्राचीन किसानों को लेकर एक रैली निकालकर

खाद की किरातों ने खाद की किल्लत के लिए व्यापारियों से अधिकारियों द्वारा सापणत तक उन्हें शर्म की झिली पर अधिकारी अर्थात् मूले तामारा देख रहे है पुराई को लेकर

## आश्वासन मिला एक-दो दिन में होगा उपलब्ध

विचार अधिकांसी श्री पन्ना से खाद किल्लत के बावजूद नैजातकरी मोगी व अन्यकार नारेबली की गई। पन्ना ने आश्वासन दिया कि वे एक-दो दिन में खाद पत्थलगांव में उपलब्ध कराई जायेगी। इस आश्वासन के परधान श्री देवी ने उपस्थित सैकड़ों किसानों वामस जहने को तैयार हुए।

आ र किसान शिर पर हाथ धरे अजीत दामो ने अजीतने को मजबूर हैं। रैली में मधुन एम सुपूर, परशुराम कुपूर, मसराय पन्ना, बुझाबंद सन्धे, हेमराम पटेल, जोराम रड, सीधे पादव, विकेश्वर सादव व अन्य किसान मौजूद थे। रैली की अगुवाई किरात गेला द्वारा की गई।

# स जिला अध्यक्ष ने दौरा स्याओं की जानकारी ली

से अपनी शासनकों से अलग को ने यह भी मान रखी कि क, एकक श्रेणी शिक्षक एवं केन्द्रीय वेतनमान दिया जाना। वेतनमान मिलने से प्रत्येक 100 से 2000 रूपए तक का होगा। यह आई एन की घोषणा है। शिरमौर महंगाई भत्ते के अनुमान होने चाहिए तथा ही शोषा केन्द्र की घोषणा के होना चाहिए। अति तरह से पी, तिरिों को शिदा विभाग में अग्रिम जाती है उकी प्रकार एम श्रीली पी की अग्रिम वेतन प्रति मिलनी

दुबे, भोरेनाल लखुर, शिरमौर सिंह, मुलेनवर सिंह, हरिशंकर साहू, मण्डल साहू, इमनगर साहू, रामलाल साहू, सुभाष साहू, रामपाल साहू, राजेन्द्र पाण्डेय, पिन्टू राम सिंह, राजकुमार पन्ना, बहाल सिंह, पारसधति पन्ना, श्रीमती मानमति भावत, श्रीमती प्यारी टोम्पो, संदेव सिंह, श्रीमती मन्मथलता जायसवंत, श्रीमती सुमिता मण्डेय, पी. एम. सादव, मो. इसलाम अंसारी, रवान मालमण सिंह, उदयपुर कलाक में सुखराम सादव, हरिशंकर मुखा, मोहेलाल राजवाड़े, कलेबसदुर सिंह, प्रमोद कुमार लखरिय, जलोडर टोम्पो, अमरनाथ मंडल, देवकुमार साधव, शंकर शम, जयश्रीराम, श्रीमती इमोलिनि टोम्पो, रमलाल सिंह, छोटीलाल दुबे, सोमराम सिंह, साहपर सिंह, रामपूरा शर, श्रीमती अण्यकिशोरी टोम्पो, धनेश्वर सिंह, मुहन राम तथा अधिकाधिक संख्या में हर कलाक ने शिक्षक-शिक्षिकाएं उपस्थित थी। शिक्षकों के प्रस्ताव को जचित कार्यवाही हेतु इसकी सूचना हेतु प्रदेश अध्यक्ष सुरेश मिश्रा एवं उप-प्रान्ताध्यक्ष श्री. एस. सिंह को दे दी गई है। मुख्यमंत्री छत्तीसगढ़ शासन स्कूल शिक्षा मंत्री एवं अग्रिम जाती कल्याण मंडी को सभी मामलों को जचित साग हे स्वीकृत करने हेतु अनुरोध पत्र लिखा गया है।

प्रक्रम में मुख्य रूप से विश्वामुदर एम अंसारी, पी. सुदे, एस. डी. जो. सिंह, ए. के. जैन, के. जयन्त, श्वेता श्रीवास्तव, राजन पुत्र कलाक में प्रेमचन्द्र सोनी, डी. एन. डी. भागत, इनामदारण राम, सुकुमार मोहनमय खन्, के. एन. राजेश, आर. पी. सिंह, श्रीराई लाल ने डीनकम साहू, रामुधन प्रसाद, माराधन मुसा, मन्मथन



**हिण्डालको इण्डरट्रीज लिमिटेड**  
(सामग्री खान प्रभाग)

## सूचना

सर्व संपादन को सूचित किया जाता है कि प्रन एवं पर्यवण में अलक्य नई दिक्के से एक के पर क्रमांक नं. 11015/353/2007-1A II(M) दिनांक 27.07.2007 तथा नं. 11015/354/2007-1A II(M) दिनांक 27.07.2007 के तहत हिण्डालको इण्डरट्रीज लिमिटेड के सामग्री लधा कुटांग बाक्ससाइट खदानों के क्षमता विलार (0.50 मिलियन टन तथा 0.30 मिलियन टन बाक्ससाइट खानाउन प्रोविजन) हेतु पर्यावरण वीकृति अनुमोदित हाक प्राण हेतु की है। उपरोक्त स्वीकृति पर को प्रतिनिधि छन, सग्री वला संरक्षण मंडल कार्यालय में उपलब्ध है एवं तन एवं पर्यावरण मंत्रालय को वेबसाइट <http://envfor.nic.in> पर भी देखा जा सकता है।

अवधि  
हिण्डालको इण्डरट्रीज लिमिटेड  
सामग्री खान प्रभाग

अभिकवानी  
9 अगस्त 2007

**HINDALCO INDUSTRIES LIMITED****Samri Mines Division****Actual Expenditure incurred in Environment Management Plan**

Total cost incurred for protection of Environment in Samri, Tatijharia and Kudag Bauxite mines of Hindalco Industries Limited, Chhattisgarh during the period from October 2025 to March 2026 is mentioned below:

<b>Sl. No</b>	<b>Environment Protection Measure</b>	<b>Actual Cost (Lakhs) October'25 to March'26</b>
1.	Environment Monitoring	5.66
2.	Greenbelt development	15.63
3.	Reclamation/ rehabilitation of mined out area (Samri 19.459 Ha., Kudag-0.89 Ha., Tatijharia-11.560 Ha.) <b>Total- 31.909 Ha.</b>	95.727
	<b>Total</b>	<b>117.02</b>

- ✓ Environment Monitoring Job has been outsourced to Anacon Laboratory, recognized by MoEF & NABL.
- ✓ One centralized nursery has been established at Samri mines for Samri, Tatijharia & Kudag lease.
- ✓ Reclamation of mined out land has been outsourced along with production. Average cost of reclamation considered 3.00 lakh per ha.

**HINDALCO INDUSTRIES LIMITED**

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