ADITYA BIRLA

HINDALCO

Ref. HIL/SBM/MoEF&CC/72/2025 Date: 24-11-2025

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

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 April 2025 – September 2025.

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- Ramanujganj, Chhattisgarh state, PIN-497224 for the period from April 2025 – September 2025. 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 also abide to follow all the Rules and Regulations.

Thanking you.

Yours's faithfully

For, Hindalco Industries Limited

(Sanjay Pardhi)
Agent of Mines

Encl.: As Above

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

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Samri Mines, Division, Baba Chowk
At & Post - Kusmi, PIN : 497 224,
Distt - Balrampur-Ramanujganj (C.G.), INDIA
Telephone + 91 7778 274326-27
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Mumbai 400 013, INDIA
Telephone +91 22694 7 7000
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Webste : www.hindalco.com
E-mail : hindalco@adityabirla.com
Corporate Identity No. - L27020MH1958PLC011238

Name of the Project	**:**	**Samri Bauxite Mines (2146.746 Ha. Capacity-5.00 LTPA), M/s Hindalco Industries Ltd**
Environment Clearance No & date	**:**	**J-11015/353/2007 – IA.(IIM) dated 27.07.2007**
Period of compliance Report	**:**	**1st April 2025 to 30th September 2025**

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.***

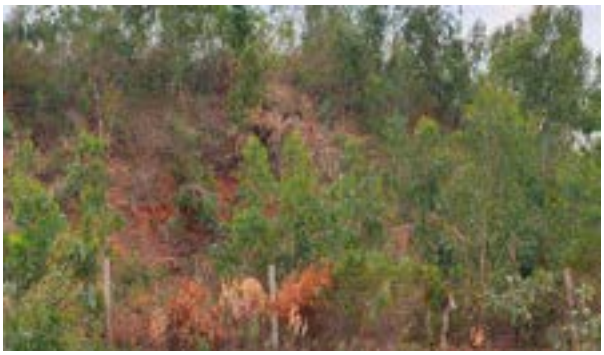
Condition-5: Topsoil, if any shall be stacked properly with proper slope with adequate safeguards and shall be backfilled (wherever applicable) for reclamation and rehabilitation of mined out area.

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 Photos

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 28^0. 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 fof 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. 45º 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 the biodiversity. From Apr'25 to Sep'25, 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 about 2500 saplings per hectare with the species like Karanj, Arjun, Gulmohar, Bamboo, Bakayan, 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**.

Greenbelt Area

Sapling culture in Nursery

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.

Rain Water Harvesting Pond

Recharge well

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.

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. Based on the present resource estimate, and peak rated production capacity, the tentative balance life of mine is around 37 years. 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.

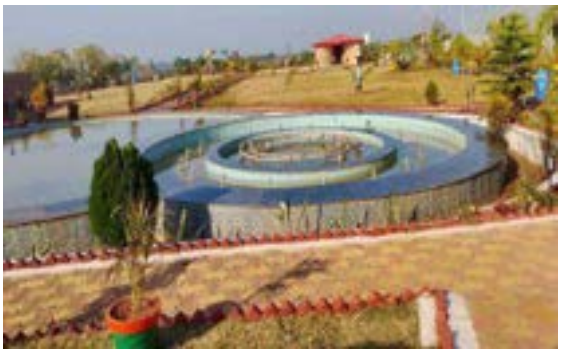
Reply to Condition 3: Company has already deposited Rs.1.6 crore to competent authority for the implementation of measures for the protection of flora and fauna under approved wildlife conservation plan. The suggestions of local forest department are being implemented for conservation of flora and fauna 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 greenbelt 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_2, NOx, 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 has 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 Apr' 25 to Sep' 25) is enclosed as ***Annexure-G*.**

Condition-5: Data on ambient air quality (RPM, SPM, SO_2, and NOx) 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, SO2, and NOx) are being submitted to Ministry and CECB on half yearly basis as per guidelines. Data of ambient air quality (RPM, SPM, SO2 and NOx) from Apr' 25 to Sep' 25 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 purpose. 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 waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st 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 cell 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 to 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 are again resubmitting 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 to 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 are again resubmitting 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 condition in the interest of environment 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**.**

ANNEXURE-A

कार्यालय प्रधान मुख्य वन संरक्षक (वन्यप्राणी प्रबंधन एवं जैव विविधता संरक्षण सह मुख्य वन्यप्राणी अभिरक्षक), छत्तीसगढ़
अरण्य भवन, मेडिकल कॉलेज रोड, रायपुर
ईमेल - pccfwl@...y.com (फोन 0771-2552228, Fax 0771-2552227)

क्रमांक/व.प्रा./प्रबं.- 12/13/2964 रायपुर दिनांक 07/10/2013

प्रति,

संचालक,
इन्वायरनमेंट क्लीयरेंश सेल
भारत सरकार, वन एवं पर्यावरण मंत्रालय,
पर्यावरण भवन, सी.जी.ओ. काम्प्लेक्स,
लोधी रोड, नई दिल्ली–111003

विषय :– छत्तीसगढ़ के बलरामपुर जिले (तत्कालीन सरगुजा जिला) में स्थित सामरी बॉक्साईट माईन्स, कुदाग बॉक्साईट माईन्स एवं टाटीझरिया बॉक्साईट माईन्स की क्षमता बढ़ाये हेतु ईन्वायरमेंट 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 बॉक्साईट खुली खदान (1 LTPA) की क्षमता बढ़ाकर (5LTPA) करने, कुदाग बॉक्साईट खदान (0.4 LTPA) की क्षमता बढ़ाकर (0.6 LTPA) करने तथा टाटीझरिया बॉक्साईट 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 मंत्रलाय 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 बॉक्साईट खनन की स्वीकृति प्राप्त कर संस्था द्वारा खनन का कार्य किया जा रहा है।

2. वर्तमान प्रस्ताव में उपरोक्त [illegible] के लिये [illegible] 5.0 LPTA किया जाना, कुदारी के लिये [illegible] LPTA किया जाना एवं [illegible] के लिये 50,000 TPA से बढ़ाकर 4,00,000 TPA [illegible] प्रस्तावित है। भारत सरकार पर्यावरण व वन मंत्रालय के द्वारा उपरोक्त [illegible] की स्वीकृति क्रमशः आदेश क्रमांक J-11015/353/2007-IA.II/M दिनांक 27 [illegible] J-11015/354/2007-IA.II/M दिनांक 27 जुलाई 2007 एवं J-11015/337/2007-IA.II/M दिनांक [illegible] अगस्त 2007 द्वारा कुछ शर्तों के साथ दी गई है, जिसमे एक महत्वपूर्ण शर्त यह भी उल्लेखित है कि संबंधित क्षेत्र मे 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. खनन 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 रुप से वन्य प्राणी संरक्षण व प्रबंधन योजना तैयार की जाकर महाप्रबंधक, (खादान), हिन्डालको इन्डस्ट्रीज के पत्र क्रमांक HIL/SAM/300/2013 दिनाक 2.03.2013 द्वारा प्रस्तुत किया गया है जिसका समग्र रुप से परीक्षण किया गया। प्रस्तावित परियोजनाओं के कोर क्षेत्र से 10 कि.मी. की परिधि में आने वाले ओवरलैपिंग बफर क्षेत्र मे वन्य प्राणियों एवं उपलब्ध वनस्पतियों का सर्वे किया जाकर पाये गये स्पेसिज को परियोजना प्रस्ताव में अनेक्सर–5 के में उल्लेखित किया गया है।

4. उल्लेखित सूचि 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 वर्षो में वन्य प्राणियों द्वारा की गई क्षति की जानकारी चाही 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, 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 है। 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 गतिविधियाँ, स्थानीय ग्रामीणों के लिये आजीविका सृजन, टीकाकरण, जनजागृति कार्यकम जैसी गतिविधियों का

समावेश करते हुए 04 वर्षों के [illegible] प्रावधानित की गयी है। जिसका क्रियान्वयन वन विभाग के द्वारा किया जायेगा। [illegible] का विवरण निम्नानुसार है –

Sr. No.	Works to be done	Cost for four years (Rs. in lakhs)					Remarks
		1st Year	2nd Year	3rd Year	4th 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 sataff.	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 Bio-diversity management committees (BMC's)
	Total	55.00	35.00	35.00	35.00	160.00	

[illegible] योजना की लागत रू. 160.00 लाख [illegible] यह लागत [illegible] दर के हिसाब से वृद्धि होगी। परियोजना के [illegible] लागत आयेगी वह परियोजना प्रस्तावकों को वन विभाग में एकमुश्त जमा करानी होगी। जिससे मूल्य वृद्धि के प्रभाव को समाप्त किया जा सकेगा। वन विभाग एकमुश्त जमा की गई राशि से वन्यप्राणी संरक्षण योजना क्रियान्वित करेगा।

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

संलग्नः—उपरोक्तानुसार।

(रामप्रकाश) 01/X/13
प्रधान मुख्य वन संरक्षक (वन्यप्राणी)
छत्तीसगढ़, रायपुर

पृष्ठां क्रमांक/व.प्रा./प्रबंध—12/13/2968 रायपुर दिनांक 07/10/2013

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 ईन्डस्ट्रीज लिमिटेड, सामरी बॉक्साईट माईन्स, पोस्ट—कुसमी, जिला—सरगुजा, छत्तीसगढ़ की ओर मय योजना की प्रति सहित सूचनार्थ प्रेषित।

01/X/13
प्रधान मुख्य वन संरक्षक (वन्यप्राणी)
छत्तीसगढ़, रायपुर

SAMRI BAUXITE MINE

Annexure - B

Annexure-6
Details of Flora and Fauna

समावेश करते हुए 05 वर्षों के [illegible] का प्रावधान किया गया है। जिसका क्रियान्वयन वन विभाग के द्वारा किया जायेगा। प्रस्तावित कार्यों का विवरण निम्नानुसार है –

Sr. No.	Works to be done	Cost for five years (Rs. in lakhs)					Remarks
		1st Year	2nd Year	3rd Year	4th 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 sataff.	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 Bio-diversity management committees (BMC's)
	Total	55.00	35.00	35.00	35.00	160.00	

Vijay/Sirsa/Prakash

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
Butea monosperma	Palas	Fabaceae
Acacia Arabica	Babul	Mimosaceae
Leucena leucophloe	Sebubal	Mimosaceae
Mangifera indica	Aam	Anacardiaceae
Citrus lemon	Nimbu	Rutaceae
Emblica officinalis	Amla	Euphorbiaceae
Ficus hispida	Jungli anjir	Moraceae
Spondias cytbera	Kathjamun	Myrtaceae
Terminalia catapa	Badam	Combretaceae
Aplada mutica	Grass	Poaceae
Chloris dolichosta	Gress	Poaceae
Dichanthium annulatum	Grass	Poaceae
Imperata cylendrica	Grass	Poaceae
Heteropogon contortus	Grass	Poaceae
Aristida adscensionis	Grass	Poaceae
Eragrostis tenuis	Grass	Poaceae
Eragrostis tenella	Grass	Poaceae
Setaria glauca	Grass	Cyperaceae
Dichanthium maxima	Grass	Graminae
Parthenium hysterophorus	Congress grass	Compositae
Cassia fistula	-	Caesalpinaceae
Bauhinia racemosa	Kachnar	Caesalpinaceae
Bauhinia Semla	Ssco	Caesalpinaceae

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

Sr. No.	Technical Name	Family	Life Form
I. Agricultural Crops			
1	*Hordium vulgare*	Poaceae	Hemicryptophyte
2	**Sorghum vulgare**	Poaceae	Hemicryptophyte
3	*Triticum vulgare*	Poaceae	Hemicryptophyte
4	*Zea mays*	Poaceae	Hemicryptophyte
5	*Oryza sativa*	Poaceae	Hemicryptophyte
6	*Pennisetum typhoideum*	Poaceae	Hemicryptophyte
II. Commercial Crops (including Vegetables)			
7	*Abelomoschus indicus*	Malvaceae	Therophyte
8	*Allium cepa*	Liliaceae	Geophyte
9	*Allium sativum*	Liliaceae	Geophyte
10	*Annona squamosa*	Annonaceae	Phanerophyte
11	*Arachis hypogia*	Fabaceae	Geophyte
12	*Cathcanthes pusillus*	Compositae	Therophyte
13	**Cicer arietinum**	Fabaceae	Hemicryptophyte
14	*Citrus lemon*	Rutaceae	Therophyte
15	*Colocasia esculenta*	Areeceae	Geophyte
16	*Coreandrum sativum*	Umbelliferae	Hemicryptophyte
17	*Daucus carota*	Umbelliferae	Geophyte
18	*Lycopersicum esculentum*	Solanaceae	Therophyte
19	*Mangifera indica*	Anacardiaceae	Phanerophyte
20	*Momordia charantia*	Cucurbitaceae	Therophyte
21	*Pisum sativum*	Fabaceae	Therophyte
22	*Psidium guava*	Myrtaceae	Phanerophyte
23	*Solanum tuberosum*	Solanaceae	Geophyte
24	*Litchi chinensis*	Sapindaceae	Phanerophyte
III. Plantations			
25	*Bauhinia combosa*	Caesalpinaceae	Phanerophyte
26	*Acacia nilotica*	Mimosaceae	Phanerophyte
27	*Albizia lebbeck*	Mimosaceae	Phanerophyte
28	*Albizia odoratissima*	Mimosaceae	Phanerophyte
29	*Albizia procera*	Mimosaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
30	*Azadirachta indica*	Meliaceae	Phanerophyte
31	*Bauhinia variegate*	Caesalpinaceae	Phanerophyte
32	*Bauhinia purpuria*	Caesalpinaceae	Phanerophyte
33	*Bambusa arundinaceae*	Poaceae	Phanerophyte
34	*Butea monosperma*	Caesalpinaceae	Phanerophyte
35	*Butea frondosa*	Caesalpinaceae	Phanerophyte
36	*Eucalyptus sp*	Myrtaceae	Phanerophyte
37	*Delbrix regia*	Caesalpinaceae	Phanerophyte
38	*Leucena leucophlue*	Caesalpinaceae	Phanerophyte
IV. Natural Vegetation/Forest Type			
39	*Abrus precatorius*	Fabaceae	Therophyte
40	*Abutilon indicum*	Malvaceae	Phanerophyte
41	*Acacia Arabica*	Mimosaceae	Phanerophyte
42	*Acacia auriculiformis*	Mimosaceae	Phanerophyte
43	*Acacia catechu*	Mimosaceae	Phanerophyte
44	*Acacia intinsia*	Mimosaceae	Phanerophyte
45	*Acacia ferruacea*	Mimosaceae	Phanerophyte
46	*Acacia leucophloe*	Mimosaceae	Phanerophyte
47	*Acalypha lanceolata*	Euphorbiaceae	Phanerophyte
48	*Acanthospermum hispidum*	Compositae	Therophyte
49	*Achyranthes aspera*	Amaranthaceae	Therophyte
50	*Adathoda vasica*	Acanthaceae	Therophyte
51	*Adina cordifolia*	Rubiaceae	Therophyte
52	*Aegle marmelos*	Rutaceae	Phanerophyte
53	*Aerva lanata*	Compositae	Phanerophyte
54	*Ageratum conyzoides*	Compositae	Therophyte
55	*Alternthes exoea*	Simaroubaceae	Phanerophyte
56	*Alangium salvus*	Alangiceae	Phanerophyte
57	*Albizia odoratissima*	Caesalpinaceae	Phanerophyte
58	*Albizia procera*	Caesalpinaceae	Phanerophyte
59	*Alstonia scholaris*	Apocyanaceae	Phanerophyte
60	*Alternanthera sessilis*	Amaranthaceae	Therophyte
61	*Alysicarpus hamosus*	Fabaceae	Therophyte
62	*Anogeissus latifolia*	Combretaceae	Phanerophyte
63	*Anogeissus serica*	Combretaceae	Phanerophyte
64	*Argemone mexicana*	Papeyaraceae	Phanerophyte
65	*Azadirachta indica*	Meliaceae	Phanerophyte
66	*Barleria prionates*	Acanthaceae	Therophyte
67	*Bidens biternata*	Compositae	Therophyte
68	*Blepharis asperima*	Acanthaceae	Phanerophyte
69	*Blepharis madaraspatens*	Acanthaceae	Therophyte
70	*Blumea lacera*	Compositae	Therophyte
71	*Boerhoavia chinensis*	Nyctaginaceae	Therophyte
72	*Boerhoavia diffusa*	Nyctaginaceae	Therophyte
73	*Bombax ceiba*	Bombacaceae	Therophyte
74	*Borreria hispida*	Rubiaceae	Therophyte
75	*Borreria stricta*	Rubiaceae	Therophyte
76	*Boswellia serrata*	Burseraceae	Therophyte
77	*Brassica camprestris*	Cruciferae	Phanerophyte
78	*Bridelia retusa*	Euphorbiaceae	Therophyte
79	*Bridelia superba*	Euphorbiaceae	Phanerophyte
80	*Caesalpina pulcherima*	Caesalpinaceae	Phanerophyte
81	*Calotropis procera*	Asclipiadaceae	Phanerophyte
82	*Canthium diddynum*	Rutiaceae	Phanerophyte
83	*Capparis aphylla*	Capperidaceae	Phanerophyte
84	*Capparis deciduas*	Capparidaceae	Therophyte
85	*Carissa carandus*	Apocyanaceae	Phanerophyte
86	*Carissa spinarium*	Apocyanaceae	Phanerophyte
87	*Casearia graveolens*	Samyciaceae	Phanerophyte
88	*Cassia absus*	Caesalpinaceae	Phanerophyte
89	*Cassia alatus*	Caesalpiraceae	Phanerophyte
90	*Cassia auriculata*	Caesalpinaceae	Therophyte
91	*Cassia occidentalis*	Caesalpinaceae	Therophyte
92	*Casea tora*	Caesalpinaceae	Therophyte
93	*Centrum diurnum*	Rubiaceae	Phanerophyte
94	*Centrum noctrunum*	Rubiaceae	Therophyte

Sr. No.	Technical Name	Family	Life Form
95	*Chloris variegata*	Poaceae	Therophyte
96	*Cissus quadrangularis*	Vitaceae	Therophyte
97	*Citrus limon*	Rutaceae	Phanerophyte
98	*Cleome gynandra*	Capparidaceae	Therophyte
99	*Combretum ovalifolium*	Rubiaceae	Phanerophyte
100	*Cordia myxa*	Rubiaceae	Phanerophyte
101	*Crotalaria medicagenia*	Fabaceae	Therophyte
102	*Crotoni bonplandianum*	Amaryllidaceae	Therophyte
103	*Cuscuta reflexa*	Cuscutaceae	Epiphyte
104	*Datura fastuosa*	Solenaceae	Therophyte
105	*Datura metal*	Solanaceae	Therophyte
106	*Desmodium triflorum*	Asclepiaceaceae	Therophyte
107	*Diospyros melanoxylon*	Lythraceae	Phanerophyte
108	*Diospyros Montana*	Lythraceae	Phanerophyte
109	*Echinops echinatus*	Compositae	Therophyte
110	*Eclipta prostrate*	Compositae	Hemicryptophyte
111	*Emblica officinale*	Euphorbiaceae	Phanerophyte
112	*Emilia lateriun*	Compositae	Hemicryptophyte
113	*Erythrina indica*	Papilionaceae	Phanerophyte
114	*Euphorbia geniculata*	Euphorbiaceae	Therophyte
115	*Euphorbia hirta*	Euphorbiaceae	Therophyte
116	*Euphorbia hyperecifolia*	Euphorbiaceae	Therophyte
117	*Euphorbia prostrata*	Euphorbiaceae	Therophyte
118	*Euphorbia ninula*	Euphorbiaceae	Therophyte
119	*Euphorbia pilusflora*	Euphorbiaceae	Hemicryptophyte
120	*Euphorbia tricalli*	Euphorbiaceae	Hemicryptophyte
121	*Evolvulus alsinoides*	Convolvulaceae	Therophyte
122	*Evolvulus auricularis*	Convolvulaceae	Therophyte
123	*Feronia elephantum*	Rutaceae	Phanerophyte
124	*Ficus benghalensis*	Moraceae	Phanerophyte
125	*Ficus carica*	Moraceae	Phanerophyte
126	*Ficus glomerata*	Moraceae	Phanerophyte
127	*Ficus heptila*	Moraceae	Phanerophyte
128	*Ficus racemosus*	Moraceae	Phanerophyte
129	*Ficus religiosa*	Moraceae	Phanerophyte
130	*Ficus ghbosa*	Moraceae	Phanerophyte
131	*Gardenia latifolia*	Rubiaceae	Phanerophyte
132	*Gardenia lucida*	Rubiaceae	Phanerophyte
133	*Garuga pinnata*	Burseraceae	Phanerophyte
134	*Glossocardia bosvellia*	Compositae	Hemicryptophyte
135	*Gmelina arborea*	Ruhiaceae	Phanerophyte
136	*Gomphrena globosa*	Amaranthaceae	Therophyte
137	*Gossypium herbaceum*	Malvaceae	Therophyte
138	*Grewia abutifolia*	Tiliaceae	Phanerophyte
139	*Grewia salvifolia*	Tiliaceae	Phanerophyte
140	*Grewia subinaequalis*	Tiliaceae	Phanerophyte
141	*Gynandropis gynandra*	Capparidaceae	Hemicryptophyte
142	*Helictris isora*	Rubiaceae	Phanerophyte
143	*Heliotropium indicum*	Ruhiaceae	Hemicryptophyte
144	*Heliotropium ovalifolium*	Rubiaceae	Hemicryptophyte
145	*Hemidesmus indicus*	Asclepiadaceae	Phanerophyte
146	*Hibiscus cansus*	Malvaceae	Hemicryptophyte
147	*Holarrhena antidycenterica*	Asclepiadaceae	Phanerophyte
148	*Holostemma annularia*	Aslepiadaceae	Phanerophyte
149	*Hygrophylla auriculata*	Acarthaceae	Hemicryptophyte
150	*Hyptis suavelens*	Labiatae	Therophyte
151	*Ichnocarpus frutens*	Poaceae	Hemicryptophyte
152	*Impatiens balasamania*	Balsaminaceae	Therophyte
153	*Indigofera hirsute*	Caesalpinaceae	Therophyte
154	*Indigofera limnaea*	Caesalpinaceae	Therophyte
155	*Indigofera tinctoria*	Caesalpinaceae	Therophyte
156	*Ipomea aquatica*	Convolvulaceae	Hydrophyte
157	*Ipomea coccinea*	Convolvulaceae	Therophyte
158	*Ipomea tuba*	Convolvulaceae	Hemicryptophyte
159	*Ixora arborea*	Rubiaceae	Phanerophyte
160	*Ixora parviflora*	Rubiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
161	*Ixora singapuriens*	Rubiaceae	Phanerophyte
162	*Jasminum arboreas*	Oleaceae	Phanerophyte
163	*Jatropha gossypifolia*	Euphorbiaceae	Therophyte
164	*Jussiaea suffraticosa*	Onagraceae	Hydrophyte
165	*Justia diffusa*	Acanthaceae	Therophyte
166	*Justicia diffusa*	Acanthaceae	Therophyte
167	*Lactuca punctata*	Compositae	Therophyte
168	*Lannea coramandalica*	Anacardiaceae	Phanerophyte
169	*Lannea grandis*	Anacardiaceae	Phanerophyte
170	*Lannea procumbens*	Anacardiaceae	Therophyte
171	*Lantana camara*	Verbinaceae	Phanerophyte
172	*Lawsonia inermis*	Lythraceae	Phanerophyte
173	*Lepidogathis cristata*	Acanthaceae	Therophyte
174	*Leptodenia reticulate*	Asclepiadaceae	Phanerophyte
175	*Leucas aspera*	Labiatae	Therophyte
176	*Leucas longifolia*	Labiatae	Therophyte
177	*Leucas longifolia*	Labiatae	Therophyte
178	*Leucena leucophloe*	Caesalpinaceae	Phanerophyte
179	*Linderbergia indica*	Scrophulariaceae	Therophyte
180	*Lindernbergia ciliate*	Scrophulariaceae	Therophyte
181	*Lophophora trichnatus*	Scrophulariaceae	Geophyte
182	*Luffa acutangularis*	Cucurbitaceae	Therophyte
183	*Lycopersicum esculentus*	Solanaceae	Therophyte
184	*Madhuca latifolia*	Sapotaceae	Phanerophyte
185	*Mallotus philippinus*	Euphorbiaceae	Phanerophyte
186	*Malvastrum coramandelicum*	Malvaceae	Therophyte
187	*Mangifeva indica*	Anacardiaceae	Phanerophyte
188	*Marsella quadrifolia*	Marseliaceae	Phanerophyte
189	*Melia azadirachta*	Meliaceae	Phanerophyte
190	*Memordica dioeca*	Cucurbitaceae	Therophyte
191	*Merremia emerginata*	Convolvulaceae	Therophyte
192	*Michaelia champaca*	Annonaceae	Phanerophyte
193	*Millingtonia hortensis*	Bignoniaceae	Phanerophyte
194	*Mimosa hamata*	Mimosaceae	Therophyte
195	*Mitragyna parviflora*	Rubiaceae	Phanerophyte
196	*Mollugo cerviana*	Aizoaceae	Therophyte
197	*Mollugo hetia*	Aizoaceae	Therophyte
198	*Moringa oleifera*	Moringaceae	Phanerophyte
199	*Morus alba*	Moraceae	Phanerophyte
200	*Mucuna prurita*	Papillionaceae	Hemicryptophyte
201	*Murraya exotica*	Rutaceae	Phanerophyte
202	*Murraya koenigii*	Rutaceae	Phanerophyte
203	*Musa paradisica*	Musaceae	Therophyte
204	*Nymphia sp*	Magnoliaceae	Hydrophyte
205	*Ocimum americanum*	Labiatae	Therophyte
206	*Ocimum basilium*	Labiatae	Therophyte
207	*Ocimum canum*	Labiatae	Therophyte
208	*Ocimum sanctum*	Labiatae	Therophyte
209	*Oldenlandia umbellate*	Convolvulaceae	Therophyte
210	*Oldeniandia corymbosa*	Rubiaceae	Therophyte
211	*Oogeinia oojensis*	Pepilionaceae	Phanerophyte
212	*Opuntia dilinii*	Opuntiaceae	Therophyte
213	*Opuntia elatior*	Cactaceae	Therophyteq
214	*Oxalis corniculata*	Oxalidaceae	Therophyte
215	*Panicum miliare*	Poaceae	Hemicryptophyte
216	*Panicum notatum*	Poaceae	Hemicryptophyte
217	*Papaver somniferum*	Papaveraceae	Hemicryptophyte
218	*Parkinsonia aculata*	Mimosaceae	Phanerophyte
219	*Parthenium hysterophorus*	Compositae	Therophyte
220	*Passpalum strobilanthus*	Passifloraceae	Hemicryptophyte
221	*Passiflora foetida*	Passifloraceae	Phanerophyte
222	*Pavonia zeylanica*	Malvaceae	Phanerophyte
223	*Peltophorum ferrugineum*	Caesalpinaceae	Phanerophyte
224	*Phoenix acutis*	Palmae	Phanerophyte
225	*Phyllanthes asperulatus*	Euphorbiaceae	Phanerophyte
226	*Phyllanthes embilca*	Euphorbiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
227	*Phyllanthes niruri*	Euphorbiaceae	Therophyte
228	*Phyllanthes reticulates*	Euphorbiaceae	Therophyte
229	*Physalis minima*	Solaneceae	Therophyte
230	*Pithecolebium dulce*	Mimosaceae	Phanerophyte
231	*Polyalthia longifolia*	Annonaceae	Phanerophyte
232	*Polygala erepiera*	Polygalaceae	Therophyte
233	*Pongamia pinnata*	Fabaceae	Phanerophyte
234	*Portulaca oleracea*	Portulaccaceae	Therophyte
235	*Psidium guava*	Myrtaceae	Phanerophyte
236	*Punica granulatum*	Punicaceae	Therophyte
237	*Randia dumatorum*	Rubiaceae	Phanerophyte
238	*Rosa indica*	Rosaceae	Therophyte
239	*Rosa machata*	Rosaceae	Therophyte
240	*Saccharum munja*	Poaceae	Hemicryptophyte
241	*Saccharum officinarum*	Poaceae	Therophyte
242	*Salmalia malabarica*	Salmaliaceae	Phanerophyte
243	*Sapindus emerginatus*	Sapindaceae	Phanerophyte
244	*Schleichera trijuga*	Combretaceae	Phanerophyte
245	*Scherebera swetenoides*	Sapindaceae	Phanerophyte
246	*Schleichera oleosa*	Sapindaceae	Phanerophyte
247	*Sesamum indicum*	Pedaliaceae	Hemicryptophyte
248	*Shorea robusta*	Dipterocarpaceae	Phanerophyte
249	*Sida orientalis*	Malvaceae	Phanerophyte
250	*Sida cernandose*	Malvaceae	Hemicryptophyte
251	*Solanum nigrum*	Solanaceae	Therophyte
252	*Solanum xanthocarpum*	Solanaceae	Therophyte
253	*Sterculia villosa*	Tiliaceae	Therophyte
254	*Stereospermum chelonoides*	Bignoniaceae	Phanerophyte
255	*Syzygium cumini*	Myrtaceae	Phanerophyte
256	*Tamarindus indica*	Caesalpinaceae	Phanerophyte
257	*Tecomella undulate*	Bignoniaceae	Therophyte
258	*Tectona grandis*	Verbinaceae	Phanerophyte
259	*Tephrosia purpuria*	Fabaceae	Therophyte
260	*Terminalia bellerica*	Combretaceae	Phanerophyte
261	*Terminalia chebula*	Combretaceae	Phanerophyte
262	*Terminalia tomentosa*	Combretaceae	Phanerophyte
263	*Ziwaspora cordifolia*	Rhamnaceae	Therophyte
264	*Tragus biflorus*	Poaceae	Hemicryptophyte
265	*Tribulus terrestris*	Zygophyllaceae	Therophyte
266	*Tridax procumbens*	Compositae	Therophyte
267	*Triumfetta pilosa*	Tiliaceae	
268	*Vernonia cinera*	Compositae	Therophyte
269	*Vicoa indica*	Compositae	Phanerophyte
270	*Vitex Negundo*	Verbinaceae	Phanerophyte
271	*Vitex peguiga*	Verbinaceae	Therophyte
272	*Vitis vermifera*	Vitaceae	Therophyte
273	*Vivevera zizanoides*	Poaceae	Therophyte
274	*Wrightia tomentosa*	Apocynaceae	Phanerophyte
275	*Xanthium strumariumk*	Compositae	Therophyte
276	*Yucca gloriosa*	Agavaceae	Therophyte
277	*Zizyphus jujube*	Rhamnaceae	Phanerophyte
278	*Zizyphus mauritiana*	Rhamnaceae	Phanrophyte
V. Grasslands			
279	*Apluda mutica*	Poaceae	Hemicryptophyte
280	*Chloris dolichoeta*	Poaceae	Hemicryptophyte
281	*Cynodactylon sp*	Poaceae	Geophyte
282	*Dichanthium annulatum*	Poaceae	Hemicryptophyte
283	*Imputa cylendrica*	Poaceae	Hemicryptophyte
284	*Sachaarum spontaneum*	Poaceae	Hemicryptophyte
285	*Themeda quadrivalvis*	Poaceae	Hemicryptophyte
286	*Aristida adscensionis*	Poaceae	Hemicryptophyte
287	*Conchrus ciliaris*	Poaceae	Therophyte
288	*Conchrus setifgera*	Poaceae	Therophyte
289	*Cymbopogon jwarancusa*	Cyperaceae	Hemicryptophyte
290	*Cyperus aristatus*	Cyperaceae	Therophyte
291	*Cyperus triceps*	Cyperaceae	Therophyte

Sr. No.	Technical Name	Family	Life Form
292	*Dactyloctinium annulatum*	Poaceae	Therophyte
293	*Digetaria bicornis*	Poaceae	Hemicryptophyte
294	*Digetaria Segetaria*	Poaceae	Hemicryptophyte
295	*Eragrostis biferia*	Poaceae	Therophyte
296	*Eragrostis tenella*	Poaceae	Therophyte
297	*Ischaemum rugosum*	Poaceae	Hemicryptophyte
298	*Setaria glauca*	Cyperaceae	Hemicryptophyte
299	*Fuiatopsis bnata*	Graminae	Hemicryptophyte
300	*Ihysanolaena maxima*	Graminae	Hemicryptophyte
	Endangered plants	**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
Aves		
Phlacrocorax niger	Little cormorant	Sch-IV
Nycticorax nycticorax	Night heron	Sch-IV
Ardeola grayii grayii	Paddy bird	Sch-IV
Bubulcus ibis coromandus	Cattle egret	Sch-IV
Eudynamys scolopacea	Indian koel	Sch-IV
Merops philippinus philippinus	Bluetailed bee-eater	Sch-IV
Dinopium benghalense tehminae	Malabar golden backed Woodpecker	Sch-IV
Acridotheres tristis tristis	Common myna	Sch-IV
Nectarinia minima	Small sunbird	Sch-IV
Passer domesticus indicus	Indian house sparrow	Sch-IV
Butterflies		
Hypolimnas bolina Lin.	Dimorphogfly	-
Euploea core Cramer	Common crow	-
Neptis hylas Moore	Common sailor	-
Eurema hecabe Lin.	Common grass yellow	-
Parantica aglea Stoll.	Glassy tiger	-
Mammals		
Funambulus palmarum	Squirrel	Sch-IV
Sus scrofa	Wild pig	Sch-III
Herpestes edwardii	Common mongoose	Sch-IV
Vulpus benghalensis	Wild fox	Sch-II
Hystrix indica	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)
Aves		
Phlacrocorax niger	Little cormorant	Sch-IV
Ardea purpurea manilensis	Eastern purple heron	Sch-IV
Nycticorax nycticorax	Night heron	Sch-IV
Ardeola grayii grayu	Paddy bird	Sch-IV
Dupetor flavicollis	Black bittern	Sch-IV
Ardea alba modesta	Large egret	Sch-IV
Bubulcus ibis coromanclus	Cattle egret	Sch-IV
Milvus migrans govinda	Common pariah kite	Sch-IV
Haliastur indus indus	Brahminy kite	Sch-IV
Vanellus indicus indicus	Redwattled lapwing	Sch-IV
Tringa hypoleucos	Common sandpiper	Sch-IV
Gelochelidon nilotica nilotica	Gullbilled tern	Sch-IV
Eudynamys scolopacea	Indian koel	Sch-IV
Halcyon smyrnensis fusca	Indian white breasted Kingfisher	Sch-IV
Merops philippinus philippinus	Bluetailed bee-eater	Sch-IV

Technical Name	English Name/Local Name	Wild Life Protection Act (1972)
Coracias benghalensis indica	Southern Indian Roller	Sch-IV
Dinopium benghalense tehminae	Malabar golden backed Woodpecker	Sch-IV
Acridotheres tristis tristis	Common myna	Sch-IV
Corvus splendens protegatus	Ceylon house crow	Sch-IV
Nectarinia minima	Small sunbird	Sch-IV
Nectarenia zeylonica sola	Indian purple rumped sunbird	Sch-IV
Arachnothera longirostris longirostris	Little spinder hunter	Sch-IV
Passer domesticus indicus	Indian house sparrow	Sch-IV
Copsychus saularis ceylonensis	Southern magpie-robin	Sch-IV
Orthotomus sutorius	Tailor bird-guzurata	Sch-IV
Pavocristatus	Peacock	Part-III of Sch-I
Amphibians		
Rana tigrina	Common frog	Sch-IV
Bufo melanosticus	Toad	Sch-IV
Reptiles		
Calotes versicolor	Lizard	Sch-IV
Calotes versicolor	Common garden lizard	Sch-IV
Chamaleon zeylanicus	Indian chamaelcon	Sch-II
Lycodon spp.	Wolf snake	Sch-III
Dorga spp.	Cat snake	Sch-III
Bungarus spp.	Krait	Sch-II
Naja naja	Indian cobra	Sch-III
Vipera spp.	Russels viper	Sch-III
Phyton sp.	Python sp	Sch-I
Butterflies		
Pachliopta hector Lin.	Crimson rose	-
Papilio demoleus Lin.	Lime butterfly	-
Graphium agamemnon Lin.	Tailed jay	-
Junonia almana Lin.	Peacock pansy	-
Hypolimnas bolina Lin.	Great eggfly	-
Euploea core Cramer	Common crow	-
Neptis hylas Moore	Common sailor	-
Eurema hecabe Lin.	Common grass yellow	-
Catopsilia sp.	Emigrant	-
Mammals		
Rattus sp.	Rat	Sch-IV
Lepus nigricollis	Hare	Sch-IV
Canis aureus	Jackal	Sch-III
Presbytis entellus	Langur	Sch-II
Presbytis phayrei	Monkey	Sch-I
Funambulus spp.	Squirrel	Sch-IV
Funambulus palmarum	Squirrel	Sch-IV
Sus scrofa	Wild pig	Sch-III
Rattus norvegicus	Field mouse	Sch-V
Rattus rattus	House rat	Sch-V
Rhinolopus spp.	Bat	Sch-V
Hipposideros spp.	Bat	Sch-V
Herpestes edwardi	Common mongoose	Sch-IV
Bandicota indica	Bandicoot	Sch-V
Bandicota bengalensis	Bandicoot	Sch-V
Vulpus bengalensis	Wild fox	Sch-III
Melursus ursinus	Bear	Sch-III
Hystrix indica	Porcupine	Sch-IV
Axis axis	Spotted deer	Sch-III
Canis lupaspalipes	Indian wolf	Part-I of Sch-I
Mellivora capensis	Indian Ratel	Part-I of Sch-I
Elephas maximus	Indian Elephant	Part-I of Sch-I
Felis chaus	Jungle cat	Part-II of sch-II
Paradoxurus hermaphralitus	Indian Small civet	Part-I of sch-I
Muntiacus muntiacus	Barking deer	Sch-III
Macaca mulata	Monkey	Part-I of Sch-I

Annexure C

HINDALCO INDUSTRIES LIMITED

Samri Mines Division

Self Help Group (SHGs)

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

SHGs Details- Samri Cluster							
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 Programe
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

Year	Samri lease	
	No. of Saplings	**Area in Ha**
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
Total	**436250**	**179.811**

Annexure-E

HINDALCO INDUSTRIES LIMITED
Samri Mines Division

Ground Water Level Data (April 2025 to September 2025)

Samri Mine Lease Piezometer Reading		
S No	**Month**	**Depth (meter)**
1	Apr-25	27.7
2	May-25	28.4
3	Jun-25	28.3
4	Jul-25	27.2
5	Aug-25	26.5
6	Sep-25	27.2

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Test Report

Test Report No.: ALPL/02062025/19-3 Dated 02.06.2025

Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-3 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	Sample Particulars / Details	Purpose of analysis	Quantity Received
Ground Water	GW-3	Drinking	5 Ltr

Sampled by	Sampling Date: / Sampling Time:	Sampling Location
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01	19.05.2025 01.58 pm	GNC Camp

Tests required 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.

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	--	--	BLQ(LOQ-2)
2	*Escherichia coli*	MPN/100 ml	IS 1622	--	--	BLQ(LOQ-2)
II	**Discipline : Chemical**		**Group : Water**			
3	Total Alkalinity (as Calcium Carbonate)	mg/l	APHA method 23rd edition:2017	200	600	194
4	Ammonia (as N)	mg/l	APHA method 23rd edition:2017	0.5	No relaxation	BLQ (LOQ– 0.1)
5	Anionic Detergents (as MBAS)	mg/l	APHA method 23rd edition:2017	0.2	1.0	BLQ (LOQ– 0.01)
6	Colour	Hazen units	APHA method 23rd edition:2017	5	15	1
7	Cyanide (as CN)	mg/l	APHA method 23rd edition:2017	0.05	No relaxation	BLQ (LOQ– 0.005)
8	Chloride (as Cl)	mg/l	APHA method 23rd edition:2017	250	1000	27.16
9	Calcium (as Ca)	mg/l	APHA method 23rd edition:2017	75	200	48.19
10	Chloramines (as Cl_2)	mg/l	APHA method 23rd edition:2017	4.0	No relaxation	BLQ (LOQ– 0.1)
11	Free Residual Chlorine	mg/l	APHA method 23rd edition:2017	0.2	1	BLQ (LOQ– 0.1)
12	Fluoride (as F)	mg/l	APHA method 23rd edition:2017	1.0	1.5	0.27
13	Magnesium (as Mg)	mg/l	APHA method 23rd edition:2017	30	100	14.31
14	Nitrate (as NO_3)	mg/l	IS 3025 (Part 34/sec.1)	45	No relaxation	BLQ (LOQ- 2)
15	Odour	-	APHA method 23rd edition:2017	Agreeable	Agreeable	Agreeable
16	pH	-	APHA method 23rd edition:2017	6.5 to 8.5	No relaxation	7.94
17	Phenolic compounds	mg/l	APHA method 23rd edition:2017	0.001	0.002	BLQ (LOQ– 0.001)
18	Sulphate (as SO_4)	mg/l	APHA method 23rd edition:2017	200	400	23.86
19	Sulphide (as H_2S)	mg/l	APHA method 23rd edition:2017	0.05	No relaxation	BLQ (LOQ– 0.03)
20	Taste	-	APHA method 23rd edition:2017	Agreeable	Agreeable	Agreeable
21	Total dissolved solids	mg/l	APHA method 23rd edition:2017	500	2000	452
22	Turbidity	NTU	APHA method 23rd edition:2017	1	5	0.4
23	Total hardness (as $CaCO_3$)	mg/l	APHA method 23rd edition:2017	200	600	179.24

Please refer last Page for Note and Remarks.

Verified By
Snehal Raut
Technical Manager

Authorized Signatories
Pranita Manchewar
Dy. Technical Manager

Chinmay Ganvir
Deputy Quality Manager

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Test Report

Test Report No.: ALPL/02062025/19-3 Dated 02.06.2025

Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-3 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	Sample Particulars / Details	Purpose of analysis	Quantity Received
Ground Water	GW-3	Drinking	5 Ltr

Sampled by	Sampling Date:	Sampling Location
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01	19.05.2025 Sampling Time: 01.58 pm	GNC Camp

Tests required Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium, Zinc, Mineral Oil, 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	ICP-OES	0.01	No relaxation	BLQ (LOQ-0.01)
25	Aluminium (as Al)	mg/l	ICP-OES	0.03	0.2	BLQ (LOQ-0.02)
26	Barium (as Ba)	mg/l	ICP-OES	0.7	No relaxation	BLQ (LOQ-0.02)
27	Boron (as B)	mg/l	ICP-OES	0.5	2.4	BLQ (LOQ-0.02)
28	Copper (as Cu)	mg/l	ICP-OES	0.05	1.5	BLQ (LOQ-0.02)
29	Cadmium (as Cd)	mg/l	ICP-OES	0.003	No relaxation	BLQ (LOQ-0.002)
30	Iron (as Fe)	mg/l	ICP-OES	1.0	No relaxation	0.12
31	Lead (as Pb)	mg/l	ICP-OES	0.01	No relaxation	BLQ (LOQ-0.01)
32	Manganese (as Mn)	mg/l	ICP-OES	0.1	0.3	BLQ (LOQ-0.02)
33	Mercury (as Hg)	mg/l	ICP-OES	0.001	No relaxation	BLQ (LOQ-0.001)
34	Selenium (as Se)	mg/l	ICP-OES	0.01	No relaxation	BLQ (LOQ-0.01)
35	Total Chromium (as Cr)	mg/l	ICP-OES	0.05	No relaxation	BLQ (LOQ-0.02)
36	Zinc (as Zn)	mg/l	ICP-OES	5	15	BLQ (LOQ-0.02)
II	**Discipline : Chemical**	**Group : Residues contaminants in water**				
37	Mineral Oil	mg/l	By FTIR	1	No relaxation	BLQ (LOQ-0.001)
39	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	By GC-ECD	0.5	No relaxation	BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'-heptachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Verified by

Dhanashree Hiwanj
Sr. Technical Assistant

Kashish Dhanrajani
Deputy Technical Manager

Authorized Signatory

Chinmay Garwal
Deputy Quality Manager

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Test Report

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Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-3 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	Sample Particulars / Details	Purpose of analysis	Quantity Received
Ground Water	GW-3	Drinking	5 Ltr

Sampled by	Sampling Date: / Sampling Time:	Sampling Location
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01	19.05.2025 01.58 pm	GNC Camp

Tests required , 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	By GCMS/MS	0.1	No relaxation	BLQ (LOQ-0.03)
	Acenaphthylene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Acenaphthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Fluorene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Anthracene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Phenanthrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Fluoranthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Pyrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(a)anthracene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Chrysene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(a)pyrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(b)fluoranthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(k)fluoranthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Indeno(123,cd)pyrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Dibenzo(a,h)anthracene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(ghi)perylene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
43	Trihalomethanes					
i	Bromoform	mg/l	By GC-ECD	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.

Verified By
Kashish Bhatnagar
Deputy Technical Manager

Authorized Signatory
Chinmay Garway
Deputy Quality Manager

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Sample Description	**Sample Particulars / Details**	**Purpose of analysis**	**Quantity Received**
Ground Water	GW-3	Drinking	5 Ltr

Sampled by	**Sampling Date:** 19.05.2025 **Sampling Time:** 01.58 pm	**Sampling Location**
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01		GNC Camp

Tes'ts required - Pesticide Residues Organochlorine

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	By GCMS/MS	0.01	No relaxation	BLQ (LOQ-0.01)
	Beta HCH	µg/l	By GCMS/MS	0.04	No relaxation	BLQ (LOQ-0.03)
	Delta- HCH	µg/l	By GCMS/MS	0.04	No relaxation	BLQ (LOQ-0.03)
2	Gamma - HCH (Lindane)	µg/l	By GCMS/MS	2	No relaxation	BLQ (LOQ-0.03)
3,	Alachlor	µg/l	By GCMS/MS	20	No relaxation	BLQ (LOQ-0.03)
4	Aldrin	µg/l	By GCMS/MS	0.03	No relaxation	BLQ (LOQ-0.03)
	Dieldrin	µg/l	By GCMS/MS	0.03	No relaxation	BLQ (LOQ-0.03)
5	Butachlor	µg/l	By LCMS/MS	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	By GCMS/MS	1	No relaxation	BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
7	Atrazine	µg/l	By LCMS/MS	2	No relaxation	BLQ (LOQ-0.03)
8	2,4-Dichlorophenoxyacetic acid	µg/l	By LCMS/MS	30	No relaxation	BLQ (LOQ-0.03)
9	Endosulphan					
	Alpha-Endosulphan	µg/l	By GCMS/MS	0. 4	No relaxation	BLQ (LOQ-0.03)
	Beta-Endosulphan					
	Endosulphan sulphate					

Please refer last Page for Note and Remarks.

Verified By
Kashish Dhanrajani
Deputy Technical Manager

Authorized Signatory
Chinmay Garway
Deputy Quality Manager

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Test Report

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Sample Description	**Sample Particulars / Details**	**Purpose of analysis**	**Quantity Received**
Ground Water	GW-3	Drinking	5 Ltr

Sampled by	**Sampling Date:** 19.05.2025 **Sampling Time:** 01.58 pm	**Sampling Location**
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01		GNC Camp

Tests required - Pesticide Residues Organophosphorus

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	By LCMS/MS	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	By LCMS/MS	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	µg/l	By LCMS/MS	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	By LCMS/MS	-	-	BLQ (LOQ-0.03)
13	Malathion	µg/l	By LCMS/MS	190	No relaxation	BLQ (LOQ-0.03)
	Malaoxon	µg/l	By LCMS/MS	-	-	BLQ (LOQ-0.03)
14	Ethion	µg/l	By LCMS/MS	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	By GCMS/MS	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate	µg/l	By LCMS/MS	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfone					
	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. ● #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 complying with IS 10500:2012 requirments for the tested parameters.**

Verified By
Kashish Dhanrajani
Deputy Technical Manager

Authorized Signatory
Chinmay Ganvay
Deputy Quality Manager

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

Anacon Laboratories

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Test Report

Test Report No.: ALPL/02062025/19-4 Dated 02.06.2025

Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-4 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	Sample Particulars / Details	Purpose of analysis	Quantity Received
Ground Water	GW-4	Drinking	5 Ltr

Sampled by	Sampling Date: / Sampling Time:	Sampling Location
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01	19.05.2025 02.15 pm	Water ATM Outlet

Tests required 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.

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	--	--	BLQ(LOQ-2)
2	*Escherichia coli*	MPN/100 ml	IS 1622	--	--	BLQ(LOQ-2)
II	**Discipline : Chemical**		**Group : Water**			
3	Total Alkalinity (as Calcium Carbonate)	mg/l	APHA method 23rd edition:2017	200	600	182.57
4	Ammonia (as N)	mg/l	APHA method 23rd edition:2017	0.5	No relaxation	BLQ (LOQ– 0.1)
5	Anionic Detergents (as MBAS)	mg/l	APHA method 23rd edition:2017	0.2	1.0	BLQ (LOQ– 0.01)
6	Colour	Hazen units	APHA method 23rd edition:2017	5	15	1
7	Cyanide (as CN)	mg/l	APHA method 23rd edition:2017	0.05	No relaxation	BLQ (LOQ– 0.005)
8	Chloride (as Cl)	mg/l	APHA method 23rd edition:2017	250	1000	32.64
9	Calcium (as Ca)	mg/l	APHA method 23rd edition:2017	75	200	57.13
10	Chloramines (as Cl_2)	mg/l	APHA method 23rd edition:2017	4.0	No relaxation	BLQ (LOQ– 0.1)
11	Free Residual Chlorine	mg/l	APHA method 23rd edition:2017	0.2	1	BLQ (LOQ– 0.1)
12	Fluoride (as F)	mg/l	APHA method 23rd edition:2017	1.0	1.5	0.21
13	Magnesium (as Mg)	mg/l	APHA method 23rd edition:2017	30	100	12.68
14	Nitrate (as NO_3)	mg/l	IS 3025 (Part 34/sec.1)	45	No relaxation	BLQ (LOQ– 2)
15	Odour	-	APHA method 23rd edition:2017	Agreeable	Agreeable	Agreeable
16	pH	-	APHA method 23rd edition:2017	6.5 to 8.5	No relaxation	8.16
17	Phenolic compounds	mg/l	APHA method 23rd edition:2017	0.001	0.002	BLQ (LOQ– 0.001)
18	Sulphate (as SO_4)	mg/l	APHA method 23rd edition:2017	200	400	21.37
19	Sulphide (as H_2S)	mg/l	APHA method 23rd edition:2017	0.05	No relaxation	BLQ (LOQ– 0.03)
20	Taste	-	APHA method 23rd edition:2017	Agreeable	Agreeable	Agreeable
21	Total dissolved solids	mg/l	APHA method 23rd edition:2017	500	2000	462
22	Turbidity	NTU	APHA method 23rd edition:2017	1	5	0.3
23	Total hardness (as $CaCO_3$)	mg/l	APHA method 23rd edition:2017	200	600	194.90

Please refer last Page for Note and Remarks.

Verified By

Snehal Raut
Technical Manager

Authorized Signatories

Pranita Manchewar
Dy. Technical Manager

Chinmay Garwaj
Deputy Quality Manager

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Test Report

Test Report No.: ALPL/02062025/19-4 **Dated** 02.06.2025

Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-4 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	Sample Particulars / Details	Purpose of analysis	Quantity Received
Ground Water	GW-4	Drinking	5 Ltr

Sampled by	Sampling Date:	Sampling Location
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01	19.05.2025 Sampling Time: 02.15 pm	Water ATM Outlet

Tests required Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium, Zinc, Mineral Oil, 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	ICP-OES	0.01	No relaxation	BLQ (LOQ-0.01)
25	Aluminium (as Al)	mg/l	ICP-OES	0.03	0.2	BLQ (LOQ-0.02)
26	Barium (as Ba)	mg/l	ICP-OES	0.7	No relaxation	BLQ (LOQ-0.02)
27	Boron (as B)	mg/l	ICP-OES	0.5	2.4	BLQ (LOQ-0.02)
28	Copper (as Cu)	mg/l	ICP-OES	0.05	1.5	BLQ (LOQ-0.02)
29	Cadmium (as Cd)	mg/l	ICP-OES	0.003	No relaxation	BLQ (LOQ-0.002)
30	Iron (as Fe)	mg/l	ICP-OES	1.0	No relaxation	0.20
31	Lead (as Pb)	mg/l	ICP-OES	0.01	No relaxation	BLQ (LOQ-0.01)
32	Manganese (as Mn)	mg/l	ICP-OES	0.1	0.3	BLQ (LOQ-0.02)
33	Mercury (as Hg)	mg/l	ICP-OES	0.001	No relaxation	BLQ (LOQ-0.001)
34	Selenium (as Se)	mg/l	ICP-OES	0.01	No relaxation	BLQ (LOQ-0.01)
35	Total Chromium (as Cr)	mg/l	ICP-OES	0.05	No relaxation	BLQ (LOQ-0.02)
36	Zinc (as Zn)	mg/l	ICP-OES	5	15	BLQ (LOQ-0.02)
II	**Discipline : Chemical**	**Group : Residues contaminants in water**				
37	Mineral Oil	mg/l	By FTIR	1	No relaxation	BLQ (LOQ-0.001)
39	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	By GC-ECD	0.5	No relaxation	BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'-heptachlorobiphenyl	µg/l	By GC-ECD			BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Verified by

Dhanashree Hiwanj
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/02062025/19-4 Dated 02.06.2025

Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-4 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	Sample Particulars / Details	Purpose of analysis	Quantity Received
Ground Water	GW-4	Drinking	5 Ltr

Sampled by	Sampling Date: / Sampling Time:	Sampling Location
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01	19.05.2025 02.15 pm	Water ATM Outlet

Tests required , 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	By GCMS/MS	0.1	No relaxation	BLQ (LOQ-0.03)
	Acenaphthylene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Acenaphthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Fluorene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Anthracene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Phenanthrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Fluoranthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Pyrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(a)anthracene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Chrysene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(a)pyrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(b)fluoranthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(k)fluoranthene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Indeno(123,cd)pyrene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Dibenzo(a,h)anthracene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
	Benzo(ghi)perylene	µg/l	By GCMS/MS			BLQ (LOQ-0.03)
41	Trihalomethanes					
i	Bromoform	mg/l	By GC-ECD	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.

Verified By
Kashish Dhanrajani
Deputy Technical Manager

Authorized Signatory
Chinmay Garwa
Deputy Quality Manager

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Test Report

Test Report No.: ALPL/02062025/19-4 Dated 02.06.2025

Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-4 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	**Sample Particulars / Details**	**Purpose of analysis**	**Quantity Received**
Ground Water	GW-4	Drinking	5 Ltr

Sampled by	**Sampling Date:** 19.05.2025 **Sampling Time:** 02.15 pm	**Sampling Location**
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01		Water ATM Outlet

Tests required - Pesticide Residues Organochlorine

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	By GCMS/MS	0.01	No relaxation	BLQ (LOQ-0.01)
	Beta HCH	µg/l	By GCMS/MS	0.04	No relaxation	BLQ (LOQ-0.03)
	Delta- HCH	µg/l	By GCMS/MS	0.04	No relaxation	BLQ (LOQ-0.03)
2	Gamma - HCH (Lindane)	µg/l	By GCMS/MS	2	No relaxation	BLQ (LOQ-0.03)
3	Alachlor	µg/l	By GCMS/MS	20	No relaxation	BLQ (LOQ-0.03)
4	Aldrin	µg/l	By GCMS/MS	0.03	No relaxation	BLQ (LOQ-0.03)
	Dieldrin	µg/l	By GCMS/MS	0.03	No relaxation	BLQ (LOQ-0.03)
5	Butachlor	µg/l	By LCMS/MS	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	By GCMS/MS	1	No relaxation	BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
		µg/l	By GCMS/MS			BLQ (LOQ-0.03)
7	Atrazine	µg/l	By LCMS/MS	2	No relaxation	BLQ (LOQ-0.03)
8	2,4-Dichlorophenoxyacetic acid	µg/l	By LCMS/MS	30	No relaxation	BLQ (LOQ-0.03)
9	Endosulphan					
	Alpha-Endosulphan	µg/l	By GCMS/MS	0. 4	No relaxation	BLQ (LOQ-0.03)
	Beta-Endosulphan					
	Endosulphan sulphate					

Please refer last Page for Note and Remarks.

Verified By
Kashish Dhanrajani
Deputy Technical Manager

Authorized Signatory
Chinmay Garway
Deputy Quality Manager

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Test Report

Test Report No.: ALPL/02062025/19-4 Dated 02.06.2025

Issued To : **M/s Hindalco Industries Limited** Samari Bauxite Mines, P.O. Kusmi, Distt.:-Balrampur (C.G.) - 497 222.	**Sample Inward No.** ALPL/23052025/EW-1/15-4 **Inward Date** 23.05.2025 **Reference** 13562310264; 17.05.2024	**Analysis Start** 24.05.2025 **Analysis End** 01.06.2025 **Sample Category** Water

Sample Description	**Sample Particulars / Details**	**Purpose of analysis**	**Quantity Received**
Ground Water	GW-4	Drinking	5 Ltr

Sampled by	**Sampling Date:** 19.05.2025 **Sampling Time:** 02.15 pm	**Sampling Location**
Anacon representative Mr. Kailash Chahande as per Sampling Method No.ANtd/7.2/MON-01		Water ATM Outlet

Tests required - Pesticide Residues Organophosphorus

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	By LCMS/MS	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	By LCMS/MS	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	µg/l	By LCMS/MS	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	By LCMS/MS	-	-	BLQ (LOQ-0.03)
13	Malathion	µg/l	By LCMS/MS	190	No relaxation	BLQ (LOQ-0.03)
	Malaoxon	µg/l	By LCMS/MS	-	-	BLQ (LOQ-0.03)
14	Ethion	µg/l	By LCMS/MS	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	By GCMS/MS	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate	µg/l	By LCMS/MS	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfone					
	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. ● #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 complying with IS 10500:2012 requirments for the tested parameters.**

Verified By
Kashish Dhanrajani
Deputy Technical Manager

Authorized Signatory
Chinmay Garwal
Deputy Quality Manager

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

भारत सरकार
जल शक्ति मंत्रालय
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

सत्यमेव जयते

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^3/day	m^3/year	m^3/day	m^3/year	m^3/day	m^3/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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Anacon Laboratories

Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-1**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
-	**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	03.04.2025	68.1	28.7	13.4	21.7	BLQ (LOQ-0.5)
		07.04.2025	62.9	21.4	11.6	22.9	BLQ (LOQ-0.5)
		11.04.2025	57.1	16.9	8.4	16.2	BLQ (LOQ-0.5)
		14.04.2025	56.3	17.2	9.1	18.2	BLQ (LOQ-0.5)
		17.04.2025	54.7	18.3	7.6	16.4	BLQ (LOQ-0.5)
		21.04.2025	57.1	19.2	7.4	16.7	BLQ (LOQ-0.5)
		26.04.2025	54.7	21.6	9.3	18.3	BLQ (LOQ-0.5)
		29.04.2025	51.8	23.7	11.4	21.9	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-2**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	03.04.2025	56.1	16.7	9.7	16.2	BLQ (LOQ-0.5)
		07.04.2025	62.5	20.5	10.3	17.5	BLQ (LOQ-0.5)
		11.04.2025	65.3	22.6	9.3	19.1	BLQ (LOQ-0.5)
		14.04.2025	59.1	24.2	10.1	20.6	BLQ (LOQ-0.5)
		17.04.2025	62.3	20.9	8.6	17.8	BLQ (LOQ-0.5)
		21.04.2025	50.7	17.5	9.7	16.7	BLQ (LOQ-0.5)
		26.04.2025	46.4	19.2	8.7	20.0	BLQ (LOQ-0.5)
		29.04.2025	56.7	22.1	7.6	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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.

Verified 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.**

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Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-3**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	03.04.2025	57.2	24.7	9.3	19.3	BLQ (LOQ-0.5)
		07.04.2025	53.7	19.2	6.8	17.6	BLQ (LOQ-0.5)
		11.04.2025	56.8	18.2	7.6	16.4	BLQ (LOQ-0.5)
		14.04.2025	53.7	17.3	7.6	17.7	BLQ (LOQ-0.5)
		17.04.2025	43.8	15.4	6.8	16.2	BLQ (LOQ-0.5)
		21.04.2025	51.7	18.3	7.1	16.8	BLQ (LOQ-0.5)
		26.04.2025	51.7	16.9	7.3	16.8	BLQ (LOQ-0.5)
		29.04.2025	49.3	18.2	9.2	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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)**	**----**

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwal
Deputy Quality Manager

----End of Report----

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Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-4**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	03.04.2025	56.1	23.8	14.7	16.9	BLQ (LOQ-0.5)
		07.04.2025	52.8	21.6	12.9	18.4	BLQ (LOQ-0.5)
		11.04.2025	62.7	24.1	11.6	21.9	BLQ (LOQ-0.5)
		14.04.2025	58.3	19.6	9.4	16.2	BLQ (LOQ-0.5)
		17.04.2025	61.6	21.7	11.9	17.3	BLQ (LOQ-0.5)
		21.04.2025	56.2	19.2	8.4	16.7	BLQ (LOQ-0.5)
		26.04.2025	52.8	18.1	9.3	17.1	BLQ (LOQ-0.5)
		29.04.2025	48.1	16.7	7.6	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwey
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.**

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Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-5**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	03.04.2025	62.8	23.9	12.8	21.7	BLQ (LOQ-0.5)
		07.04.2025	52.4	17.3	8.7	16.9	BLQ (LOQ-0.5)
		11.04.2025	58.3	23.7	11.4	21.6	BLQ (LOQ-0.5)
		14.04.2025	49.1	17.6	8.4	18.1	BLQ (LOQ-0.5)
		17.04.2025	47.3	16.1	6.4	16.2	BLQ (LOQ-0.5)
		21.04.2025	46.1	15.8	6.2	16.7	BLQ (LOQ-0.5)
		26.04.2025	48.3	16.9	7.6	16.1	BLQ (LOQ-0.5)
		29.04.2025	56.1	21.7	11.3	23.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
-	**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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-6**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	03.04.2025	58.2	20.3	12.2	20.8	BLQ (LOQ-0.5)
		07.04.2025	61.1	24.9	15.8	22.3	BLQ (LOQ-0.5)
		11.04.2025	57.7	21.1	10.4	20.2	BLQ (LOQ-0.5)
		14.04.2025	53.6	19.4	12.2	20.7	BLQ (LOQ-0.5)
		17.04.2025	52.2	19.9	11.4	19.7	BLQ (LOQ-0.5)
		21.04.2025	58.8	19.4	12.1	21.3	BLQ (LOQ-0.5)
		26.04.2025	52.8	17.3	8.4	16.8	BLQ (LOQ-0.5)
		29.04.2025	53.8	21.6	9.3	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

----End of Report----

Authorized Signatory

Chinmay Garwa
Deputy Quality Manager

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Anacon Laboratories

Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-7**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	03.04.2025	54.7	18.3	13.1	17.9	BLQ (LOQ-0.5)
		07.04.2025	51.4	16.2	12.6	16.7	BLQ (LOQ-0.5)
		11.04.2025	47.3	15.7	8.4	15.3	BLQ (LOQ-0.5)
		14.04.2025	52.8	18.6	9.3	16.4	BLQ (LOQ-0.5)
		17.04.2025	56.1	21.7	11.4	18.3	BLQ (LOQ-0.5)
		21.04.2025	61.9	23.4	12.6	17.1	BLQ (LOQ-0.5)
		26.04.2025	56.3	19.3	9.7	16.4	BLQ (LOQ-0.5)
		29.04.2025	54.7	16.7	8.2	15.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwaj
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-April-2025

Report No.:-	**ALPL/07052025/21-8**	**Report Date:-**	07.05.2025
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/02052025/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.05.2025
Test Started On:-	03.05.2025	**Test Completed On**	06.05.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	03.04.2025	63.8	27.4	13.9	63.8	BLQ (LOQ-0.5)
		07.04.2025	58.3	26.1	12.4	58.3	BLQ (LOQ-0.5)
		11.04.2025	54.7	21.9	9.3	54.7	BLQ (LOQ-0.5)
		14.04.2025	61.1	18.4	7.6	61.1	BLQ (LOQ-0.5)
		17.04.2025	57.3	19.3	11.4	57.3	BLQ (LOQ-0.5)
		21.04.2025	48.7	16.8	9.2	48.7	BLQ (LOQ-0.5)
		26.04.2025	52.8	17.2	8.4	52.8	BLQ (LOQ-0.5)
		29.04.2025	56.3	15.7	6.8	56.3	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	03.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.04.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.04.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwal
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.**

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Anacon Laboratories

Test Report

Ambient Air Quality-May-2025

Report No.:-	**ALPL/09062025/11-1**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.05.2025	56.1	18.3	9.1	16.4	BLQ (LOQ-0.5)
		07.05.2025	52.8	16.2	8.3	15.7	BLQ (LOQ-0.5)
		13.05.2025	47.6	15.8	6.8	16.1	BLQ (LOQ-0.5)
		15.05.2025	53.1	17.3	9.2	17.6	BLQ (LOQ-0.5)
		20.05.2025	54.7	16.9	6.4	16.8	BLQ (LOQ-0.5)
		22.05.2025	57.6	19.2	9.7	21.6	BLQ (LOQ-0.5)
		27.05.2025	49.1	16.4	6.8	17.3	BLQ (LOQ-0.5)
		30.05.2025	52.8	17.3	5.9	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.05.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Gadvay
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-May-2025

Report No.:-	**ALPL/09062025/11-2**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.05.2025	54.3	17.6	7.6	16.4	BLQ (LOQ-0.5)
		07.05.2025	58.1	18.2	8.4	17.3	BLQ (LOQ-0.5)
		13.05.2025	52.9	16.8	7.1	16.6	BLQ (LOQ-0.5)
		15.05.2025	49.2	15.7	6.3	16.1	BLQ (LOQ-0.5)
		20.05.2025	51.7	16.2	6.8	17.3	BLQ (LOQ-0.5)
		22.05.2025	47.3	15.9	5.7	16.4	BLQ (LOQ-0.5)
		27.05.2025	53.8	17.1	8.2	17.9	BLQ (LOQ-0.5)
		30.05.2025	56.7	21.6	11.4	23.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.05.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwar
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.**

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Test Report

Ambient Air Quality-May-2025

Report No.:-	**ALPL/09062025/11-3**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.05.2025	61.9	21.7	9.1	23.8	BLQ (LOQ-0.5)
		07.05.2025	54.1	17.6	8.4	16.3	BLQ (LOQ-0.5)
		13.05.2025	48.3	16.4	7.6	18.2	BLQ (LOQ-0.5)
		15.05.2025	52.8	17.3	8.1	17.6	BLQ (LOQ-0.5)
		20.05.2025	53.9	18.4	6.8	15.1	BLQ (LOQ-0.5)
		22.05.2025	47.3	16.8	6.4	15.7	BLQ (LOQ-0.5)
		27.05.2025	51.6	16.2	11.4	18.3	BLQ (LOQ-0.5)
		30.05.2025	47.3	15.8	9.3	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.05.2025	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)**	**----**

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-May-2025

Report No.:-	**ALPL/09062025/11-4**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-25 t o32
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.05.2025	56.4	21.6	11.3	21.8	BLQ (LOQ-0.5)
		07.05.2025	47.3	18.3	9.1	18.2	BLQ (LOQ-0.5)
		13.05.2025	53.7	19.4	11.7	21.4	BLQ (LOQ-0.5)
		15.05.2025	56.1	21.7	12.8	19.3	BLQ (LOQ-0.5)
		20.05.2025	47.3	16.2	7.6	16.1	BLQ (LOQ-0.5)
		22.05.2025	51.9	18.6	8.2	17.4	BLQ (LOQ-0.5)
		27.05.2025	53.4	21.7	9.3	18.6	BLQ (LOQ-0.5)
		30.05.2025	47.2	16.2	6.7	15.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.05.2025	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.

Verified 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-May-2025

Report No.:-	**ALPL/09062025/11-5**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.05.2025	52.8	17.3	8.1	17.6	BLQ (LOQ-0.5)
		07.05.2025	53.9	18.4	6.8	15.1	BLQ (LOQ-0.5)
		13.05.2025	47.3	16.8	6.4	15.7	BLQ (LOQ-0.5)
		15.05.2025	51.6	16.2	11.4	18.3	BLQ (LOQ-0.5)
		20.05.2025	47.3	15.8	9.3	17.2	BLQ (LOQ-0.5)
		22.05.2025	46.1	17.1	6.8	16.4	BLQ (LOQ-0.5)
		27.05.2025	53.7	21.6	12.1	17.9	BLQ (LOQ-0.5)
		30.05.2025	51.9	18.3	7.6	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.05.2025	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.

Verified by

Shehal 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-May-2025

Report No.:-	**ALPL/09062025/11-6**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.05.2025	58.6	19.4	11.4	21.6	BLQ (LOQ-0.5)
		07.05.2025	62.2	21.6	12.3	22.4	BLQ (LOQ-0.5)
		13.05.2025	66.9	24.7	12.1	27.8	BLQ (LOQ-0.5)
		15.05.2025	59.1	20.6	11.4	20.3	BLQ (LOQ-0.5)
		20.05.2025	53.3	19.4	10.6	22.2	BLQ (LOQ-0.5)
		22.05.2025	57.8	20.3	11.1	21.6	BLQ (LOQ-0.5)
		27.05.2025	58.9	21.4	9.8	19.1	BLQ (LOQ-0.5)
		30.05.2025	52.3	19.8	9.4	19.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.05.2025	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.

Verified by

Snehal Raut
Technical Manager

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 endeavour towards ensuring that your next experience will be significantly better than the current one, we welcome your feedback on **feedback@anacon.in.**

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Test Report

Ambient Air Quality-May-2025

Report No.:-	**ALPL/09062025/11-7**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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		
-	Piprapat/ Nr. Mining Area	02.05.2025	51.6	18.3	9.7	18.3	BLQ (LOQ-0.5)
		07.05.2025	53.9	21.6	9.1	18.1	BLQ (LOQ-0.5)
		13.05.2025	58.3	19.2	8.1	16.7	BLQ (LOQ-0.5)
AAQ-7		15.05.2025	49.3	16.2	6.4	16.1	BLQ (LOQ-0.5)
		20.05.2025	54.7	19.3	9.7	18.3	BLQ (LOQ-0.5)
		22.05.2025	53.9	17.2	9.4	18.1	BLQ (LOQ-0.5)
		27.05.2025	56.1	23.8	12.4	21.7	BLQ (LOQ-0.5)
		30.05.2025	52.8	16.7	8.1	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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
		02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Piprapat/ Nr. Mining Area	15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30.05.2025	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)**	----

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Ganvay
Deputy Quality Manager

----End of Report----

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Test Report

Ambient Air Quality-May-2025

Report No.:-	**ALPL/09062025/11-8**	**Report Date:-**	09.06.2025
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/02062025/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	02.06.2025
Test Started On:-	03.06.2025	**Test Completed On:-**	06.06.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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		
-		02.05.2025	53.4	18.4	6.7	53.4	BLQ (LOQ-0.5)
		07.05.2025	61.2	19.6	7.5	61.2	BLQ (LOQ-0.5)
		13.05.2025	51.6	17.1	6.9	51.6	BLQ (LOQ-0.5)
AAQ-8	Virhorepat	15.05.2025	52.2	21.3	6.2	52.2	BLQ (LOQ-0.5)
		20.05.2025	54.8	22.9	8.7	54.8	BLQ (LOQ-0.5)
		22.05.2025	55.4	19.6	8.1	55.4	BLQ (LOQ-0.5)
		27.05.2025	58.6	20.0	5.8	58.6	BLQ (LOQ-0.5)
		30.05.2025	56.1	18.2	7.6	56.1	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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
		02.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-8	Virhorepat	15.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27.05.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
-		30.05.2025	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)**	----

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Gadway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-1**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	52.1	16.7	7.6	18.2	BLQ (LOQ-0.5)
		05.06.2025	47.3	15.9	6.8	16.7	BLQ (LOQ-0.5)
		10.06.2025	51.9	18.2	9.7	18.4	BLQ (LOQ-0.5)
		12.06.2025	53.1	21.6	11.4	19.2	BLQ (LOQ-0.5)
		18.06.2025	49.3	19.2	9.2	18.7	BLQ (LOQ-0.5)
		20.06.2025	48.3	18.7	9.1	21.6	BLQ (LOQ-0.5)
		26.06.2025	47.1	16.4	6.9	18.2	BLQ (LOQ-0.5)
		28.06.2025	54.7	18.3	9.2	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Gadvay
Deputy Quality Manager

----End of Report----

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Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-2**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	47.1	16.9	7.6	16.2	BLQ (LOQ-0.5)
		05.06.2025	61.9	19.2	9.2	18.7	BLQ (LOQ-0.5)
		10.06.2025	47.3	16.7	7.6	16.9	BLQ (LOQ-0.5)
		12.06.2025	56.1	23.6	11.8	24.9	BLQ (LOQ-0.5)
		18.06.2025	46.2	19.3	11.6	21.4	BLQ (LOQ-0.5)
		20.06.2025	48.3	16.7	7.6	15.3	BLQ (LOQ-0.5)
		26.06.2025	51.7	18.2	9.7	17.3	BLQ (LOQ-0.5)
		28.06.2025	48.3	17.1	8.4	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwa
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.**

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Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-3**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	61.9	24.7	13.8	21.6	BLQ (LOQ-0.5)
		05.06.2025	57.3	21.9	11.3	18.2	BLQ (LOQ-0.5)
		10.06.2025	63.7	23.4	9.1	17.4	BLQ (LOQ-0.5)
		12.06.2025	61.2	18.3	8.7	16.1	BLQ (LOQ-0.5)
		18.06.2025	57.6	17.6	9.4	17.6	BLQ (LOQ-0.5)
		20.06.2025	63.8	23.8	11.3	21.9	BLQ (LOQ-0.5)
		26.06.2025	64.3	21.4	9.7	18.2	BLQ (LOQ-0.5)
		28.06.2025	58.1	18.3	8.4	16.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwady
Deputy Quality Manager

----End of Report----

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Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-4**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-25 t o32
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	54.9	19.2	9.1	21.6	BLQ (LOQ-0.5)
		05.06.2025	62.8	23.7	11.6	19.2	BLQ (LOQ-0.5)
		10.06.2025	58.3	18.2	9.7	17.3	BLQ (LOQ-0.5)
		12.06.2025	54.9	16.1	8.4	16.7	BLQ (LOQ-0.5)
		18.06.2025	61.3	23.8	11.9	21.4	BLQ (LOQ-0.5)
		20.06.2025	58.1	17.3	9.4	17.3	BLQ (LOQ-0.5)
		26.06.2025	62.8	21.6	11.3	23.8	BLQ (LOQ-0.5)
		28.06.2025	54.9	16.2	7.6	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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.

Verified by

Shehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Ganvay
Deputy Quality Manager

----End of Report----

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Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-5**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	58.3	19.1	8.4	17.2	BLQ (LOQ-0.5)
		05.06.2025	61.7	21.7	13.8	21.9	BLQ (LOQ-0.5)
		10.06.2025	57.1	16.3	8.4	17.6	BLQ (LOQ-0.5)
		12.06.2025	53.9	15.8	7.6	16.4	BLQ (LOQ-0.5)
		18.06.2025	54.2	16.1	7.6	18.2	BLQ (LOQ-0.5)
		20.06.2025	48.3	15.9	6.4	16.1	BLQ (LOQ-0.5)
		26.06.2025	43.8	16.3	7.2	15.9	BLQ (LOQ-0.5)
		28.06.2025	52.4	21.6	9.3	18.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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)**	----

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Ganwa
Deputy Quality Manager

----End of Report----

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Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-6**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	58.2	24.9	11.6	21.8	BLQ (LOQ-0.5)
		05.06.2025	52.9	19.3	9.4	16.4	BLQ (LOQ-0.5)
		10.06.2025	47.3	16.8	8.1	15.9	BLQ (LOQ-0.5)
		12.06.2025	52.8	16.4	7.6	15.3	BLQ (LOQ-0.5)
		18.06.2025	61.9	24.7	13.8	21.6	BLQ (LOQ-0.5)
		20.06.2025	61.2	18.3	8.7	16.1	BLQ (LOQ-0.5)
		26.06.2025	63.8	23.8	11.3	21.9	BLQ (LOQ-0.5)
		28.06.2025	54.9	19.2	9.1	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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.

Verified 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.**

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Anacon Laboratories

Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-7**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	58.3	18.2	9.7	17.3	BLQ (LOQ-0.5)
		05.06.2025	58.1	17.3	9.4	17.3	BLQ (LOQ-0.5)
		10.06.2025	54.9	16.2	7.6	16.4	BLQ (LOQ-0.5)
		12.06.2025	57.1	16.3	8.4	17.6	BLQ (LOQ-0.5)
		18.06.2025	61.3	24.9	12.8	21.6	BLQ (LOQ-0.5)
		20.06.2025	58.1	21.3	9.7	19.2	BLQ (LOQ-0.5)
		26.06.2025	54.7	18.1	11.6	16.9	BLQ (LOQ-0.5)
		28.06.2025	48.3	16.2	8.1	15.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwa
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-June-2025

Report No.:-	**ALPL/07072025/12-8**	**Report Date:-**	07.07.2025
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/01072025/ENV-1/96-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.07.2025
Test Started On:-	02.07.2025	**Test Completed On:-**	04.07.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.06.2025	53.6	21.9	11.4	17.3	BLQ (LOQ-0.5)
		05.06.2025	56.1	23.6	9.7	18.1	BLQ (LOQ-0.5)
		10.06.2025	61.7	26.8	12.1	24.9	BLQ (LOQ-0.5)
		12.06.2025	58.3	21.7	9.3	21.6	BLQ (LOQ-0.5)
		18.06.2025	48.6	16.9	8.4	17.6	BLQ (LOQ-0.5)
		20.06.2025	52.8	17.3	9.2	18.4	BLQ (LOQ-0.5)
		26.06.2025	46.2	16.1	7.6	16.9	BLQ (LOQ-0.5)
		28.06.2025	51.7	23.8	11.3	21.4	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.06.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.06.2025	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.

Verified 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.**

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Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-1	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025 ,
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	56.3	19.3	16.2	21.8	BLQ (LOQ-0.5)
		09.07.2025	54.7	18.6	14.3	19.3	BLQ (LOQ-0.5)
		15.07.2025	62.1	23.7	14.9	23.6	BLQ (LOQ-0.5)
		17.07.2025	54.7	16.2	9.7	17.2	BLQ (LOQ-0.5)
		22.07.2025	58.3	21.8	12.4	19.7	BLQ (LOQ-0.5)
		23.07.2025	62.1	21.4	9.8	18.3	BLQ (LOQ-0.5)
		28.07.2025	47.2	15.8	12.9	16.7	BLQ (LOQ-0.5)
		29.07.2025	51.3	16.4	13.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

----End of Report----

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

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Anacon Laboratories

Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-2	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	48.3	18.2	8.1	17.3	BLQ (LOQ-0.5)
		09.07.2025	47.6	19.7	11.4	21.9	BLQ (LOQ-0.5)
		15.07.2025	52.1	23.6	12.9	24.7	BLQ (LOQ-0.5)
		17.07.2025	46.3	16.1	8.7	18.2	BLQ (LOQ-0.5)
		22.07.2025	51.9	21.7	11.4	21.6	BLQ (LOQ-0.5)
		23.07.2025	47.2	16.1	7.6	17.8	BLQ (LOQ-0.5)
		28.07.2025	58.2	21.9	13.6	24.7	BLQ (LOQ-0.5)
		29.07.2025	61.7	23.4	14.1	26.3	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-3	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	54.8	19.3	9.3	18.6	BLQ (LOQ-0.5)
		09.07.2025	58.2	21.6	12.4	21.9	BLQ (LOQ-0.5)
		15.07.2025	47.6	18.2	8.1	16.4	BLQ (LOQ-0.5)
		17.07.2025	64.8	31.6	14.9	26.7	BLQ (LOQ-0.5)
		22.07.2025	68.3	32.4	13.7	24.1	BLQ (LOQ-0.5)
		23.07.2025	57.1	26.3	9.2	18.6	BLQ (LOQ-0.5)
		28.07.2025	63.9	23.6	11.9	18.7	BLQ (LOQ-0.5)
		29.07.2025	54.3	16.4	8.1	17.3	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garwa
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-4	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	61.7	23.9	17.1	26.4	BLQ (LOQ-0.5)
		09.07.2025	58.3	18.3	16.9	24.1	BLQ (LOQ-0.5)
		15.07.2025	56.1	17.6	13.8	19.3	BLQ (LOQ-0.5)
		17.07.2025	61.8	21.4	14.2	21.9	BLQ (LOQ-0.5)
		22.07.2025	56.3	17.9	9.4	18.2	BLQ (LOQ-0.5)
		23.07.2025	62.6	23.6	12.1	21.7	BLQ (LOQ-0.5)
		28.07.2025	58.1	18.3	8.7	16.4	BLQ (LOQ-0.5)
		29.07.2025	54.9	16.9	7.6	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-5	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	52.8	16.2	11.4	17.1	BLQ (LOQ-0.5)
		09.07.2025	48.6	15.9	9.1	16.7	BLQ (LOQ-0.5)
		15.07.2025	54.3	16.7	12.6	18.4	BLQ (LOQ-0.5)
		17.07.2025	56.1	21.4	13.9	21.8	BLQ (LOQ-0.5)
		22.07.2025	47.3	18.3	9.7	17.6	BLQ (LOQ-0.5)
		23.07.2025	52.8	19.1	11.3	18.4	BLQ (LOQ-0.5)
		28.07.2025	53.1	21.9	12.6	23.1	BLQ (LOQ-0.5)
		29.07.2025	48.2	18.7	9.4	16.9	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified 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.**

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Anacon Laboratories

Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-6	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	64.1	28.6	13.6	21.4	BLQ (LOQ-0.5)
		09.07.2025	57.3	19.2	9.1	18.7	BLQ (LOQ-0.5)
		15.07.2025	54.7	16.4	8.4	17.3	BLQ (LOQ-0.5)
		17.07.2025	61.4	23.8	11.6	24.1	BLQ (LOQ-0.5)
		22.07.2025	62.7	24.9	12.6	18.2	BLQ (LOQ-0.5)
		23.07.2025	54.6	21.6	9.7	16.7	BLQ (LOQ-0.5)
		28.07.2025	64.1	23.8	11.4	17.2	BLQ (LOQ-0.5)
		29.07.2025	52.8	18.3	8.3	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

----End of Report----

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

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Anacon Laboratories

Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-7	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	47.2	16.9	7.6	16.8	BLQ (LOQ-0.5)
		09.07.2025	56.7	23.4	12.8	19.3	BLQ (LOQ-0.5)
		15.07.2025	61.4	26.1	13.4	21.9	BLQ (LOQ-0.5)
		17.07.2025	58.3	19.3	9.2	18.7	BLQ (LOQ-0.5)
		22.07.2025	62.8	24.6	11.8	23.6	BLQ (LOQ-0.5)
		23.07.2025	52.4	21.4	9.4	21.1	BLQ (LOQ-0.5)
		28.07.2025	56.8	26.1	12.9	26.3	BLQ (LOQ-0.5)
		29.07.2025	63.1	28.6	14.1	29.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-July-2025

Report No.:-	ALPL/05082025/2-8	**Report Date:-**	05.08.2025
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/31072025/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	31.07.2025
Test Started On:-	01.08.2025	**Test Completed On:-**	04.08.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	04.07.2025	51.7	19.2	8.4	16.8	BLQ (LOQ-0.5)
		09.07.2025	57.6	24.9	12.6	23.4	BLQ (LOQ-0.5)
		15.07.2025	61.9	26.1	13.8	24.7	BLQ (LOQ-0.5)
		17.07.2025	58.2	19.3	9.3	18.2	BLQ (LOQ-0.5)
		22.07.2025	57.1	16.8	12.6	21.7	BLQ (LOQ-0.5)
		23.07.2025	62.8	23.6	14.1	26.8	BLQ (LOQ-0.5)
		28.07.2025	54.3	18.3	11.9	23.6	BLQ (LOQ-0.5)
		29.07.2025	58.2	19.4	12.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	04.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		17.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28.07.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.07.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-1	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	54.6	19.3	8.4	18.1	BLQ (LOQ-0.5)
		08.08.2025	62.7	23.8	12.6	24.7	BLQ (LOQ-0.5)
		13.08.2025	58.3	18.2	9.1	17.3	BLQ (LOQ-0.5)
		14.08.2025	56.1	16.9	8.7	16.7	BLQ (LOQ-0.5)
		19.08.2025	48.1	17.3	8.7	16.4	BLQ (LOQ-0.5)
		22.08.2025	53.7	23.9	12.4	21.6	BLQ (LOQ-0.5)
		26.08.2025	47.3	19.1	9.3	18.7	BLQ (LOQ-0.5)
		29.08.2025	51.8	18.4	11.6	23.4	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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.

Verified 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.**

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Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-2	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	62.7	23.8	11.9	24.7	BLQ (LOQ-0.5)
		08.08.2025	58.3	18.1	7.6	19.3	BLQ (LOQ-0.5)
		13.08.2025	54.6	19.3	8.4	18.1	BLQ (LOQ-0.5)
		14.08.2025	62.7	23.8	12.6	24.7	BLQ (LOQ-0.5)
		19.08.2025	58.3	18.2	9.1	17.3	BLQ (LOQ-0.5)
		22.08.2025	56.1	16.9	8.7	16.7	BLQ (LOQ-0.5)
		26.08.2025	48.6	23.6	12.8	24.9	BLQ (LOQ-0.5)
		29.08.2025	57.3	24.7	13.1	26.4	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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)**	**----**

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-3	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	48.3	19.2	9.6	19.3	BLQ (LOQ-0.5)
		08.08.2025	51.2	21.7	12.6	23.7	BLQ (LOQ-0.5)
		13.08.2025	47.6	17.3	8.3	16.8	BLQ (LOQ-0.5)
		14.08.2025	43.9	16.4	9.2	16.2	BLQ (LOQ-0.5)
		19.08.2025	46.3	18.2	11.4	17.9	BLQ (LOQ-0.5)
		22.08.2025	48.1	19.6	12.1	18.2	BLQ (LOQ-0.5)
		26.08.2025	51.7	19.3	8.4	16.8	BLQ (LOQ-0.5)
		29.08.2025	47.3	18.4	7.6	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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.

Verified 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.**

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Anacon Laboratories

Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-4	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	56.2	19.3	9.1	18.2	BLQ (LOQ-0.5)
		08.08.2025	48.7	16.4	8.7	17.3	BLQ (LOQ-0.5)
		13.08.2025	51.6	18.1	6.8	16.1	BLQ (LOQ-0.5)
		14.08.2025	47.2	16.3	8.1	17.9	BLQ (LOQ-0.5)
		19.08.2025	54.6	16.1	11.6	21.4	BLQ (LOQ-0.5)
		22.08.2025	47.3	15.9	9.2	18.3	BLQ (LOQ-0.5)
		26.08.2025	51.7	21.8	12.1	23.6	BLQ (LOQ-0.5)
		29.08.2025	53.9	23.1	11.7	21.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-5	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	54.1	16.7	8.4	17.9	BLQ (LOQ-0.5)
		08.08.2025	61.9	23.4	11.6	21.4	BLQ (LOQ-0.5)
		13.08.2025	58.3	21.9	9.3	18.2	BLQ (LOQ-0.5)
		14.08.2025	54.7	19.3	8.4	17.6	BLQ (LOQ-0.5)
		19.08.2025	61.7	23.7	11.9	21.8	BLQ (LOQ-0.5)
		22.08.2025	58.3	19.2	9.4	18.3	BLQ (LOQ-0.5)
		26.08.2025	54.6	18.6	8.1	17.6	BLQ (LOQ-0.5)
		29.08.2025	61.8	21.7	11.3	23.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Ganvay
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-6	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	48.2	15.9	7.6	16.1	BLQ (LOQ-0.5)
		08.08.2025	53.9	21.6	11.3	23.8	BLQ (LOQ-0.5)
		13.08.2025	49.7	18.2	9.1	18.4	BLQ (LOQ-0.5)
		14.08.2025	51.3	21.7	11.4	24.6	BLQ (LOQ-0.5)
		19.08.2025	54.3	15.9	7.6	16.8	BLQ (LOQ-0.5)
		22.08.2025	56.1	16.4	8.4	17.3	BLQ (LOQ-0.5)
		26.08.2025	61.4	21.9	12.6	23.4	BLQ (LOQ-0.5)
		29.08.2025	58.3	18.1	9.2	18.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

----End of Report----

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

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Anacon Laboratories

Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-7	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	57.3	24.7	13.1	26.4	BLQ (LOQ-0.5)
		08.08.2025	52.9	19.2	11.4	19.2	BLQ (LOQ-0.5)
		13.08.2025	47.3	16.8	9.3	17.1	BLQ (LOQ-0.5)
		14.08.2025	51.8	21.6	11.9	21.8	BLQ (LOQ-0.5)
		19.08.2025	48.1	17.3	8.7	16.4	BLQ (LOQ-0.5)
		22.08.2025	53.7	23.9	12.4	21.6	BLQ (LOQ-0.5)
		26.08.2025	47.3	19.1	9.3	18.7	BLQ (LOQ-0.5)
		29.08.2025	51.8	18.4	11.6	23.4	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-August-2025

Report No.:-	ALPL/05092025/2-8	**Report Date:-**	05.09.2025
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/01092025/ENV-1/92-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.09.2025
Test Started On:-	02.09.2025	**Test Completed On**	04.09.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	05.08.2025	51.8	21.6	11.9	21.8	BLQ (LOQ-0.5)
		08.08.2025	48.1	17.3	8.7	16.4	BLQ (LOQ-0.5)
		13.08.2025	53.7	23.9	12.4	21.6	BLQ (LOQ-0.5)
		14.08.2025	47.3	19.1	9.3	18.7	BLQ (LOQ-0.5)
		19.08.2025	57.2	21.6	12.1	23.6	BLQ (LOQ-0.5)
		22.08.2025	61.9	24.7	13.6	24.9	BLQ (LOQ-0.5)
		26.08.2025	56.1	18.3	9.2	17.2	BLQ (LOQ-0.5)
		29.08.2025	53.6	16.4	8.4	16.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	05.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26.08.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.08.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

----End of Report----

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

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Anacon Laboratories

Test Report

Ambient Air Quality-September-2025

Report No.:-	ALPL/08102025/2-1	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-1 to 8
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	58.9	19.8	10.5	17.4	BLQ (LOQ-0.5)
		05.09.2025	52.4	20.3	14.3	20.4	BLQ (LOQ-0.5)
		10.09.2025	53.9	23.4	17.2	25.8	BLQ (LOQ-0.5)
		12.09.2025	55.1	20.5	13.3	24.1	BLQ (LOQ-0.5)
		15.09.2025	60.6	25.4	9.8	21.6	BLQ (LOQ-0.5)
		18.09.2025	54.6	18.9	11.5	25.8	BLQ (LOQ-0.5)
		24.09.2025	59.8	20.4	15.3	21.4	BLQ (LOQ-0.5)
		29.09.2025	50.2	21.4	12.4	20.8	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-September-2025

Report No.:-	ALPL/08102025/2-2	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-9 to 16
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	54.5	21.2	9.8	15.8	BLQ (LOQ-0.5)
		05.09.2025	59.6	20.6	12.3	16.9	BLQ (LOQ-0.5)
		10.09.2025	46.7	21.4	12.5	18.4	BLQ (LOQ-0.5)
		12.09.2025	48.6	20.5	10.8	19.5	BLQ (LOQ-0.5)
		15.09.2025	57.2	19.3	14.5	20.4	BLQ (LOQ-0.5)
		18.09.2025	58.2	20.6	11.9	19.7	BLQ (LOQ-0.5)
		24.09.2025	53.3	17.2	10.7	18.9	BLQ (LOQ-0.5)
		29.09.2025	60.1	20.8	14.9	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-September-2025

Report No.:-	ALPL/08102025/2-3	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-17 to 24
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	56.1	22.7	8.9	17.8	BLQ (LOQ-0.5)
		05.09.2025	50.4	24.1	12.2	20.3	BLQ (LOQ-0.5)
		10.09.2025	57.2	19.6	9.6	15.7	BLQ (LOQ-0.5)
		12.09.2025	53.4	23.6	14.5	24.1	BLQ (LOQ-0.5)
		15.09.2025	55.5	20.8	10.5	16.9	BLQ (LOQ-0.5)
		18.09.2025	59.6	22.2	17.1	20.6	BLQ (LOQ-0.5)
		24.09.2025	52.8	19.8	9.7	16.8	BLQ (LOQ-0.5)
		29.09.2025	58.4	20.5	11.6	22.5	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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.

Verified 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-September-2025

Report No.:-	ALPL/08102025/2-4	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-25 to 32
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	54.3	21.7	10.6	15.2	BLQ (LOQ-0.5)
		05.09.2025	59.6	26.3	14.5	20.3	BLQ (LOQ-0.5)
		10.09.2025	50.4	20.4	16.8	25.1	BLQ (LOQ-0.5)
		12.09.2025	52.7	21.6	9.9	19.3	BLQ (LOQ-0.5)
		15.09.2025	59.2	22.5	14.5	24.1	BLQ (LOQ-0.5)
		18.09.2025	58.3	21.8	14.2	17.3	BLQ (LOQ-0.5)
		24.09.2025	54.9	18.5	9.8	16.8	BLQ (LOQ-0.5)
		29.09.2025	58.4	21.5	12.9	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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.

Verified 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.**

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Test Report

Ambient Air Quality-September-2025

Report No.:-	ALPL/08102025/2-5	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-33 to 40
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	62.8	23.4	12.5	19.3	BLQ (LOQ-0.5)
		05.09.2025	63.2	25.3	10.6	21.4	BLQ (LOQ-0.5)
		10.09.2025	65.7	23.5	14.2	20.5	BLQ (LOQ-0.5)
		12.09.2025	64.4	24.6	13.6	19.8	BLQ (LOQ-0.5)
		15.09.2025	59.2	20.2	10.5	18.1	BLQ (LOQ-0.5)
		18.09.2025	60.4	23.6	9.7	19.5	BLQ (LOQ-0.5)
		24.09.2025	65.4	25.2	11.4	20.3	BLQ (LOQ-0.5)
		29.09.2025	68.4	22.5	12.4	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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)**	**----**

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

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Anacon Laboratories

Test Report

Ambient Air Quality-September-2025

Report No.:-	ALPL/08102025/2-6	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-41 to 48
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	60.5	23.2	11.5	19.6	BLQ (LOQ-0.5)
		05.09.2025	63.8	24.7	10.3	20.1	BLQ (LOQ-0.5)
		10.09.2025	64.5	27.4	14.2	21.7	BLQ (LOQ-0.5)
		12.09.2025	60.8	26.5	15.6	18.4	BLQ (LOQ-0.5)
		15.09.2025	65.9	22.3	10.5	15.9	BLQ (LOQ-0.5)
		18.09.2025	67.4	25.6	9.5	20.7	BLQ (LOQ-0.5)
		24.09.2025	63.5	22.2	15.7	21.8	BLQ (LOQ-0.5)
		29.09.2025	60.9	25.1	12.7	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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.

Verified 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.**

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Anacon Laboratories

Test Report

Ambient Air Quality-September-2025

Report No.:-	ALPL/08102025/2-7	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-49 to 56
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	65.3	26.2	12.3	18.5	BLQ (LOQ-0.5)
		05.09.2025	62.8	22.2	10.9	20.5	BLQ (LOQ-0.5)
		10.09.2025	68.4	29.2	15.6	21.7	BLQ (LOQ-0.5)
		12.09.2025	63.2	24.3	19.2	23.3	BLQ (LOQ-0.5)
		15.09.2025	65.6	26.8	10.8	19.7	BLQ (LOQ-0.5)
		18.09.2025	59.9	21.1	16.6	24.3	BLQ (LOQ-0.5)
		24.09.2025	68.4	26.3	13.8	18.6	BLQ (LOQ-0.5)
		29.09.2025	60.5	28.4	11.6	23.5	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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)**	**----**

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

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

Anacon Laboratories Pvt. Ltd. Nagpur Lab
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Anacon Laboratories

Test Report

Ambient Air Quality-September-2025

Report No.:-	ALPL/08102025/2-8	**Report Date:-**	08.10.2025
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/01102025/ENV-1/96-57 to 64
Sampled by	Anacon Representative Mr. Akshay Babulkar	**Sample Inward Date**	01.10.2025
Test Started On:-	02.10.2025	**Test Completed On:-**	06.10.2025
Sampling Method	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
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	02.09.2025	55.9	21.3	10.6	18.6	BLQ (LOQ-0.5)
		05.09.2025	56.3	20.5	15.2	21.4	BLQ (LOQ-0.5)
		10.09.2025	51.4	21.4	8.3	16.1	BLQ (LOQ-0.5)
		12.09.2025	57.5	21.8	11.6	22.3	BLQ (LOQ-0.5)
		15.09.2025	49.5	19.3	15.2	21.8	BLQ (LOQ-0.5)
		18.09.2025	51.2	19.5	9.5	20.4	BLQ (LOQ-0.5)
		24.09.2025	52.4	20.5	10.5	18.1	BLQ (LOQ-0.5)
		29.09.2025	47.2	18.6	7.5	16.9	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 µg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
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	02.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24.09.2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29.09.2025	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.

Verified by

Snehal Raut
Technical Manager

Dhanashree Hiwanj
Sr. Technical Assistant

Authorized Signatory

Chinmay Garway
Deputy Quality Manager

----End of Report----

ADITYA BIRLA

HINDALCO

Date: 15.11.2025

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. Sanjay Pardhi	Head & Agent of 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. Ajay Kumar	Medical Officer	Member
8	Miss. Charisma Vijay	Asst. Manager-Sustainability	Member

Agent of Mines

HINDALCO INDUSTRIES LIMITED
Samri Mines, Division, Baba Chowk
At & Post - Kusmi, PIN : 497 224,
Distt - Balrampur-Ramanujganj (C.G.), INDIA
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IF : +91 226947 7001 / 226947 7090

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E-mail : hindalco@adityabirla.com
Corporate Identity No. - L27020MH1958PLC011238

Annexure-I

डेढ़ दर्जन जुआरियों से 17 हजार बरामद

बड़े-छोटे जुआरी एक ही दिन पकड़े गए

हरिभूमि न्यूज (अम्बिकापुर)। [illegible]

ऐसे स्थान भी खेलते हैं जुआ

[illegible]

स्वतंत्रता सेनानियों को श्रद्धांजलि देने आज जुटेंगे कांग्रे[illegible]

[illegible]

हिण्डालको इण्डस्ट्रीज लिमिटेड

(सामरी खान प्रभाग)

सूचना

सर्वसाधारण को सूचित किया जाता है कि वन एवं पर्यावरण मंत्रालय, नई दिल्ली ने उनके पत्र क्रमांक जे.11015/353/2007-IA.II(M) दिनांक 27.07.2007 तथा जे.11015/354/2007-IA.II(M) दिनांक 27.07.2007 के तहत हिण्डालको इण्डस्ट्रीज लिमिटेड के सामरी तथा कुदाग बॉक्साइट खदानों के क्षमता विस्तार (0.60 मिलियन टन तथा 0.06 मिलियन टन बॉक्साइट उत्पादन प्रतिवर्ष) हेतु पर्यावरणीय स्वीकृति अनुमोदित होकर प्राप्त हो चुकी है। उपरोक्त स्वीकृति पत्र की प्रतिलिपि छ.ग. पर्यावरण संरक्षण मंडल कार्यालय में उपलब्ध है एवं वन एवं पर्यावरण मंत्रालय की वेबसाईट http://envfor.nic.in पर देखी जा सकती है।

भवदीय

हिण्डालको इण्डस्ट्रीज लिमिटेड

सामरी खान प्रभाग

हरिभूमि, 9 अगस्त 2007

[illegible]

...गीता को कटघोरा का प्रभार

...अधिकारी नीरज बंछोर को पदोन्नति मिलने वाली थी। लेकिन वे अभी स्थानांतरण के लिए ... कलेक्टर बनाए जाने के बाद से राजनांदगांव अपर कलेक्टर का पद विगत २-३ माह से रिक्त था। ...

...लाई निगम के आयुक्त ...लिए लगा रहे जोर

...प्रदेश शासन द्वारा जारी आदेश के अनुसार ... बैच के अधिकारी आईके देशमुख को राजनांदगांव का अपर कलेक्टर पदस्थ किया गया है। ...

[illegible]

...स जिला अध्यक्ष ने दौरा ...स्याओं की जानकारी ली

[illegible]

खाद नहीं मिलने को लेकर कृषकों ने निकाली रैली

पत्थलगांव/ क्षेत्र के किसानों को खाद नहीं मिल रहा है, जिसको लेकर कल पत्थलगांव के किसान नेता वेदप्रकाश मिश्रा ने ग्रामीण किसानों को लेकर एक रैली निकालकर ... विपणन अधिकारी श्री पन्ना से खाद किल्लत के संबंध में जानकारी मांगी व ज्ञापन ... पन्ना ने आश्वासन दिया कि दो एक-दो दिन में खाद पत्थलगांव में उपलब्ध कराई जायेगी। इस आश्वासन के पश्चात ही रैली में उपस्थित सैकड़ों किसान वापस जाने को तैयार हुए।

आश्वासन मिला एक-दो दिन में होगा उपलब्ध

साथ ही किसानों ने खाद की किल्लत के लिए व्यापारियों से अधिकारियों द्वारा सांठगांठ कर ऊंचे दामों की बिक्री पर अधिकारी आंख मूंदे तमाशा देख रहे हैं ... किसान ... ऊंचे दामों में खरीदने को मजबूर हैं। रैली में मदन राम ..., ... यादव व अन्य किसान मौजूद थे। रैली की अगुवाई किसान नेता द्वारा की गई।

अम्बिकावाणी
7 अगस्त 2007

Annexure-J

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 April 2025 to September 2025 is mentioned below:

Sl. No	Environment Protection Measure	Actual Cost (Lakhs) April'25 to Sept'25
1.	Environment Monitoring	5.66
2.	Greenbelt development	15.63
3.	Reclamation/ rehabilitation of mined out area (Samri 4.696 Ha., Kudag-1.2 Ha., Tatijharia-7.751 Ha.) **Total- 13.647 Ha**.	40.941
	Total	**62.231**

- 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 out sourced along with production. Average cost of reclamation considered @ 3.00 lakh per ha.