

Ref. HIL/SBM/MoEF&CC/71/2025

Email: iro.raipur-mefcc@gov.in

Date: 27-05-2025

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

Sub: - Status of compliance of EC condition (Half yearly status of compliance report) in respect of Kudag Bauxite Mine (Lease area- 377.116 Ha.) of M/s Hindalco Industries Limited of Chhattisgarh state for the period from October 2024 – March 2025.

Ref No: - Environment Clearance Letter No-J-11015/354/2007-IA. II (M) dated July 27, 2007

Dear Sir,

We do herewith submit half yearly status of EC compliance report in respect of Kudag Bauxite Mine, Lease area – 377.116 Ha, of M/s Hindalco Industries Limited P.O- Kusmi, Dist.- Balrampur- Ramanujganj, Chhattisgarh state, PIN-497224 for the period from October 2024 – March 2025. The lease details are as below: -

Lease area	Production Capacity	Lease Period
377.116 Ha.	60000 Tonnes	24.12.1996 to 23.12.2046 (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;

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

Name of the Project : Kudag Bauxite Mines (377.116Ha. Capacity-0.6LTPA),

M/s Hindalco Industries Ltd

Environment Clearance No & date : J-11015/354/2007 – IA.(IIM) dated 27.07.2007

Period of compliance Report : 1st October 2024 to 31st March 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: Noted.

Condition-3: Conservation plan for schedule I fauna (if found in the study area) shall be prepared in consultation with Wildlife Department. The company shall provide authenticated list of flora & fauna separately for core and buffer zone indicating schedule of species.

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 & fauna along with the approved conservation plan is attached as (Annexure - B).

Condition-4: The mining operations shall be restricted to above ground water table and it shall not intersect ground water table. Prior approval of the Ministry and CGWA should be obtained for mining if any below water table.

Reply to Condition 4: The mining operation is restricted to well above ground water table. As per our current mining operation, ultimate depth of working is about 15 meters below. Piezometer has been installed at strategic location in the lease area to monitor the Ground water level, the average depth of which is 30-35m. The ground water table is below the depth of our mining operation Hence there is no intersection of groundwater level during course of mining operation. We undertake that no mining operation is being and will be carried out below the water table.

Condition-5: Top soil, if any shall be stacked properly with proper slope with adequate safeguards and shall not be used reclamation and rehabilitation of mined out area.

Reply to Condition 5: Top soil generated during mining operation is being concurrently spread over backfilled area to restore its original forms immediately. However, if required it will be stacked properly with proper slope and adequate safeguards.



Topsoil Spreading for Backfilling

Condition-6: Over burden 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 30m, each stage shall preferably be 10m and over all slope of the dump shall not exceed 28°. The mine pit area shall be reclaimed by back filling the OB in a phased manner. 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: As such there is no any active OB dump at present. As per approved Mining Plan, OB generated during mine operation is being utilized for concurrently back filling of the mined out area for reclamation purpose. Small old inactive OB dump has been stabilized by vegetation with suitable native species to prevent erosion and surface run off.



Old Inactive Dump Plantation

Condition-7: Garland drains shall be constructed to arrest silt and sediment flows from soil and mineral dump. The water so 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 drain is provided to arrest silt and sediments flows from above mentioned OB dump. At present there is no any active OB dump. Entire waste generated during mining operation is being simultaneously backfilled in the mined out pit. Old inactive OB dump has been stabilized by vegetation. Garland drains & Parapet wall of appropriate size, gradient and length have been made around the active mining pits coupled with arrester to arrest silt from runoff and drains are being maintained. The drains are regularly desilted before the monsoon. The Water so collected is being used for green belt development and in sprinkling of the Haul Road. Sump of adequate capacity is also developed.



Condition-8: The project proponent shall ensure that no natural water course shall be obstructed due to mining operation.

Reply to Condition 8: There is no natural water course inside the lease area. However, we undertake that we will not obstruct any natural water course due to mining operation.

Condition-9: Blasting operations shall be carried out only during the day time. Controlled blasting shall be practiced. The drills should be operated with drill extractors. The mitigative measures for control of ground vibrations and arrest fly rocks shall be implemented.

Reply to Condition 9: Controlled blasting is being practiced in the mine only in day time. Wet drilling Machines are being used during drilling operations. Nonel & effective blast design are used to control blast vibration and fly rocks.

Condition-10: Plantation shall be raised in an area of 44.69 ha including green belt of adequate width by planting native species around the ML area, roads; OB dump sites etc. in consultation with the local DFO/Agriculture Department. The density of the trees shall be around 2500 plants per ha. Selection of plant species shall be as per CPCB guidelines. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation.

Reply to Condition 10: We have already achieved the target area asked for plantation. However, we are continuing the plantation to restore the biodiversity. During FY 2024-25, a total of 4590 nos. of saplings have been planted over an area of 1. 868 ha. and in total till now about 60.761 ha. area has been afforested with approx. 148205 nos. of saplings.

The density is being maintained about 2500 plant per hectare with the species like Amla, Casia, mango, babul, pears & guava etc. Moreover, Ragi (Maduwa) agriculture farming has been done on over about 0.44 ha. of reclaimed area. Social forestry is also being encouraged among the local villagers. Apart from that local food grain Ragi (Maduwa) & Tau has been planted over the reclaimed area of 1.0 ha. Year wise plantation is enclosed as *Annexure-C*.



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

Reply to Condition 11: The ground water table does not intersect our mining operation because of shallow depth of mining. Piezometer has been installed at strategic location in our lease area for monitoring the ground water level, the average depth of which is 30-35m. However, Rain water harvesting structure (Ponds and Wells) has been constructed as conservation measures in mined out area for the conservation/augmentation of ground water resources.





RWH Pond & Well Structure

Condition-12: Regular water sprinkling shall be carried in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul road, loading, unloading and transfer points and other vulnerable areas. It should be ensured that the ambient air quality parameters conform to the norms prescribed by the CPCB in this regard.

Reply to Condition 12: Regular water spraying with 12 KL portable water tanker in the mine lease hold area is being carried out regularly to control air pollution. The ambient air quality is within the stipulated norms.



Condition-13: 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 13: Ground water quality monitoring is being carried out regularly 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 - D.

Condition-14: Rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, CGWB.

Reply to Condition 14: Rainwater harvesting ponds has been made at lease hold area.

Condition-15: Prior permission from the competent authority shall be obtained for drawl of ground water, if any.

Reply to Condition 15: Ground water NOC has been obtained from CGWA vide letter no. NOC/MIN/CG/2025/1803/R-3/3, dated 10-04-2025 valid up to 28-04-2027 for domestic/drinking purpose. The approval copy attached as *Annexure-E*.

Condition-16: Existing ecological status of the project area shall be conserved and protected. The project proponent should take all possible precautionary measures during mining operation for conservation and protection of endangered fauna.

Reply to Condition 16: All efforts are being taken to conserve and protect existing ecological status of the project area. Important measures we are taking for conservation of flora and fauna are as follows.

- a) Company have been provided solar LED torch and florescent jacket 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 programme 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 so as reduce vibration and noise. Such operation is being carried out in day time only and its use is minimized.
- f) Plantation is regular activity.

Condition-17: Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded.

Reply to Condition 17: 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 upto EUP/Railway siding. Vehicle used for transportation are having valid permit. No overloading of ores for transportation is allowed to prevent spillage of material.



Condition-18: A comprehensive report on the details of land oustees, their socio-economic profile and action plan for their rehabilitation including formation of self-help groups who can facilitate promotion of economic opportunity for local indigenous people shall be submitted for record.

Reply to Condition 18: 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 30 nos of SHGs and 302 Beneficiaries who are directly engaged in income generation activities. *Detailed list of SHG is enclosed as Annexure F*.

Condition-19: The company shall implement occupational health and safety measures for the workers and engage a qualified doctor who is trained in occupational health surveillance

Reply to Condition 19: Company has provided to all workers with personal protective equipment and training are also being imparted to them for safety & health in our Group vocational training center. One doctor having MBBS qualification has been appointed for facilitation of OHS. All employees working in the mine have been under gone through medical test as per Mines ACT-1952.

Condition-20: 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 20:** 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 27 years. However, after completion of further detailed exploration programme and geological investigation, the balance life of mine is subject to change with respect to EC Capacity and cut—off grade of mineral at that particular time. Final mine closure mine 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 working shall be made without prior approval of the Ministry of Environment & Forests.

Reply to Condition 1: Noted.

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: 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 have been 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 programme 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 so as reduce vibration and noise. Such operation is being carried out in day time only and its use is minimized.
- f) Plantation is regular activity.

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, SO₂, 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 Control Board.

Reply to Condition 4: Ambient Air quality monitoring is being carried out as per the guideline and is being followed. For this purpose, we have already appointed a NABL accredited laboratory M/s. Anacon Laboratories Pvt. Ltd. for conducting regular environmental monitoring. Analysis Report (from October 2024 to March 2025) is enclosed as *Annexure-G*.

Condition-5: Data on ambient air quality (RPM, SPM, SO₂, 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 CECB and to other regulatory authorities as per guidelines. Ambient air quality report for the month October 2024 to March 2025 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: Fugitive dust emission from generating sources is being controlled. The dust extractor, wet drilling, regular water spraying with 12 KL portable water tanker in the mine lease hold area is being carried out regularly. 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 emission.



Black top access road to the mines

Condition-7: Measures shall be taken for control of noise levels below 85dBA 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.

Condition-8: Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 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 waste water generated from the mining operation. So, there is no liquid discharge from mine. A minimal quantity of waste water generated from workshop during vehicle maintenance, for which oil and grease separation pits are provided for the treatment. The treated water is being used for dust suppression in haul road.

Condition-9: Personal working in dusty areas shall wear protective respiratory devices and they shall also be provided with 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 center—Samri. All employees undergo Lung Function Tests during the Periodical Medical Examination. Periodical Medical Examination of employees and contractor workers are organized regularly 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.

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 located at Bhopal regarding 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 the 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/1203/2024, 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 purpose. The year wise expenditure is being submitted to concern authorities as per guidelines. The copy of the detail Expenditure is attached 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 the 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/1203/2024, 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

Bata 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 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 new papers Hari Bhumi & Ambika Vani. The copy of same has been already submitted

to your good office. Copy of 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: 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.

वार्यावर एवान मुख्य वन् शंख्याक (वन्ध्याणी एवंदान एवं जेन विदेवता श्रेथाण सह मुख्य वन्ध्याणी अभिरक्षाक), छत्तीसगढ अस्प्य भवन, मेडिकन कॉनेन संड, सम्पर

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. (Ph 0771-2552228, Fax (771-2552227)

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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 एक 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.

 पर्यावरण व वन मंत्रालय, भारत संरकार 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 (SLTPA) 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 मंत्रालय आदेश क्रमांक J-11015/354/2007-IA.II/M दिनांक 27 जुलाई 2007 द्वारा 377.116 हे. में, तथा टाटीझरिया में भारत सरकार पर्यावरण व वन मंत्रालय के आदेश क्रमांक J-11015/337/2007-IA.II/M दिनांक 9 अगस्त 2007 द्वारा 1218.762 हे, में बॉक्साईट खनन की स्वीकृति प्राप्त कर संस्था द्वारा खनन का कार्य किया जा रहा है।

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किया जाना, कुदाग के विशे के 11010 कि का का का का मार्गामरी के लिये 10 1016 में क्यांकर 50 1016 किया जाना, कुदाग के विशे के 11010 कि का का का 1016 1016 किया जाना एवं नाले इसिया के लिये 50,000 100 से चढ़ाकर 4,000000 100 किया जाना परतायित है। भारत सरकार प्रयावरण व वन मंत्रालय के द्वारा उपयोवत तीन किया प्राप्त वरण की स्वीकृति कमश आवेश कमाक 1-11015/353/2007-IA.II/M दिनाक 27 जुलाई 2007 एवं 1-11015/353/2007-IA.II/M दिनाक 27 जुलाई 2007 एवं 1-11015/337/2007-IA.II/M दिनाक 9 अगरत 2007 द्वारा कुछ शर्ती के साथ दी गई है. जिसमें एक महत्वपूण शर्त यह भी उल्लेखित है कि संबंधित क्षेत्र में वन्य प्राणी (संरक्षण) अधिनियम के शेड्यूल 1 के पाये जाने वाले वन्य प्राणियों के संरक्षण हेतु प्रबंध योजना तैयार की जाकर राज्य के मुख्य वन्य जीव अभिरक्षक के अभिमत सहित प्रस्तुत किया जाये। जिसके पालन में संस्था द्वारा एक बन्य प्राणी संरक्षण योजना तैयार की गयी है।

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 रूप से वन्य प्राणी संरक्षण व प्रबंधन योजना तैयार की जाकर महाप्रबंधक, (खादान), हिन्डालको इन्डिस्ट्रीज के पत्र क्रमांक HIL/SAM/300/2013 दिनाक 2.03.2013 द्वारा प्रस्तुत किया गया है जिसका समग्र रूप से परीक्षण किया गया। प्रस्तावित परियोजनाओं के कोर क्षेत्र से 10 कि.मी. की परिधि में आने वाले ओवरलैपिंग बफर क्षेत्र में वन्य प्राणियों एवं उपलब्ध वनस्पतियों का सर्वे किया जाकर पाये गये स्पेसिज को परियोजना प्रस्ताव में अनेक्स्ट्र-4 के में उल्लेखित किया गया है।

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 वर्षों 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 छैं: 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 लकड़बर्घे 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 मेड़िया 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 निम्नामुसार है। 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, रथानीय ग्रामीणों के लिये आजीविका सृजन, टीकाकरण, जनजागृति कार्यकम जैसी ग्रिविधियों का

3.

समावेश करते हुये 04 वर्षों के जिप निर्ण एक एक आफ भाषधानित की, गर्यों है। जिसका क्रियान्ययन वन विभाग के द्वारा किया जायेगा। प्रस्तान मुखा एकी जिल का विवरण निन्नानुसार है –

Sr.	Works to be done			ir years (As. In tak	ha)	Remarks	
¢0-		1 Year	Year	Year		Total	42	
1	Plantation including soil and moisture Conservation works as per norms of forest department surrounding the lease hold	5.00	5.00	5.00	Year 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	n 15 €	
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	At .	
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	<u>, , , , , , , , , , , , , , , , , , , </u>	70
3	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		A STORY
10	Provision for conservation of Biodiversity among flora and fauna of the area & Preparation of Biodiversity register	20.00	0.00	0.00	0.00	20.00	The amount is to be deposited in the account of Biodiversity Board as this work is to be done by Biodiversity management committees	10
		200	- 12			***	(BMC's)	-
	Total	55.00	35.00	35.00	35.00	160.00		1 1

.. अना क्षेत्र लागत रू. 160.00 जास वर्षका १८८५ । वाच के कुछ में टेपू जान से <mark>यह लागत</mark>

क की कियान महिल अंदेश के हिसाब से बृद्धि होगी। परियोजना के कियानवान के विभाग की मी लागत आयती कः परिशालका पर मनकों को बन विभाग में एकमुश्त जमां करानी होगी। जिससं मृत्य वृद्धि के प्रभाव को समाप्त किया जा रावत। वत त्वाम एकमुश्त जमा की गई राशि से बन्यपाणी सरक्षण योजना हिन्यान्वित करेगा।

7 अनुमादित वन्यपाणी संदक्षण योजना की एक प्रति सलम्न प्रेषित है। कृपया वन्यप्राणी संरक्षण योजना में प्रावधानित राशि रु. 160 00 लाख एकमुश्त जमा कराने हेतु परियोजना प्रस्तावको को आदेशित करने का कष्ट करें।

संलग्नः-उपरोक्तानुसार।

(रामप्रकाश) न्य /

प्रधान मुख्य वन संरक्षक (वन्यप्राणी)

छत्तीसगढ़, रायपुर रायपुर दिनांक 07/10/2013

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

प्रतिलिपि:-

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

प्रधान मुख्य वन संरक्षक (वन्यप्राण छत्तीसगढ़, रायपुर

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SAMRI BAUXITE MINE

Annexue - B

Annexure-6 Details of Flora and Fauna संशविश करते हुये 04 वर्षों के जिन्न होता एक एक एक अपधानित की गयी है। जिसका क्रियान्वयन वन विभाग के द्वारा किया जायेगा। प्रस्तान मधानशीति व तह का विवरण गिन्नातुरहार है —

Sr.	Works to be done				as. In tak	ha)	Remarks	
4n-		1 Year	Year	Year	4	Total	482	
1	Plantation including soil and moisture Conservation works as per norms of forest department surrounding the lease hold	5.00	5:00	7500	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	F	
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	100 de 1	N THE PARTY OF THE
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	1.0	
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	<u> </u>	2
3	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		1000
10	Provision for conservation of Biodiversity among flora and fauna of the area & Preparation of Biodiversity register	20.00	0.00	0.00	0.00	20.00	The amount is to be deposited in the account of Biodiversity Board as this work is to be done by Biodiversity management committees	100
		22/22	4		102212	455.05	(BMC's)	-
	Total	55.00	35.00	35.00	35.00	160.00	W.W. W.	1 .

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	Sabubal	Mimosacaae
Mangifera indica	Aam	Anacardiaceae
Citrus lemon	Nimbu	Rutaceae
Emblica officinalis	Amla	Euphorbiaceae
Ficus hispida	Jungli anjir	Moraceae
Spondias cythera	Kathjamun	Myrtaceae
Terminalia catapa	Badam	Combretaceae
Apluda mutica	Grass	Poaceae
Chloris dolichosta	Grass	Poaceae
Dichanthium annulatum	Grass	Poaceae
Inpurta cylendrica	Grass	* Poaceae
Themeda-quadrivalvis	Grass	Poaceae
Aristida adscensionsis	Grass	Poaceae
tragrostis biferia	Grass	Poaceae
Fragrostis tenella	Grass	Poaceae
Setarla glauca	Grass	Cyperaceae
Thysanolaena maxima	Grass	Graminae
Parthenium hysterophorus	Congress grass	Compositae
Careda tota		Caesalpinaceae
Delanix regla	Kachnar	Caesalpinaceae
Dalbergia Sissoo	Sisoo	Caesalpinaceae,

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

Sr. No.	Technical Name	Family	Life Form
I. Agricu	Itural 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
G	Pennisetum typhoideum	Poaceae	Hemicryptophyte
II. Comm	nerclal Crops (including Veget	ables)	
1	Abelomoschus indicus	Malvaceae	Therophyte
В	Allium cepa	Liliaceae	Geophyte
9	Allium sativum	Liliaceae	Geophyte
10	Annona squamosa	Annonaceae	Phanerophyte
1.1	Arachis hypogia	Fabaceae	Geophyte
12	Catharanthes pusiflus	Compositae	Therophyte
1.3	Cicer arietinum	Fabaceae	Hemicryptophyte
1.4	Citrus lemon	Ruataceae	Therophyte
15	Colacasia esculenta	Areaceae	Geophyte
16	Coreandrum sativum	Umbelliferae	Hemicryptophyte
17	Daucus carota	Umbelliferae	Geophyte
18	Lycopersicum esculentus	Solanaceae	Therophyte
1')	Mangifera indica	Anacardiaceae	Phanerophyte
20	Memordia charantia	Cucurbitaceae	Therophyte
21	Pisum sativum	Fabaceae	Therophyte
2.2	Psidium guava	Myrtaceae	Phanerophyte
23	Solanum tuberosum	Solanaceae	Geophyte
24	Litchi chinensis	Sapindaceae	Phanerophyte
III. Plant	tations		
- 25	Bauhinia cormbosa	Caesalpinaceae	Phanerophyte
26	Acacia nilotica	Mimosaceae	Phanerophyte
27	Albizia lebbeck	Mimosaceae	Phanerophyte
28	Albizia odorattissima	Mimosaceae	Phanerophyte
29	Albizia procera	Mimosaceae	Phanerophyte

t	Sr. 1		Technical I	Vame			
1	31		addirachta indica		Fa	mily	4.55
1	32	B	auhinia variegate		Meliaceae		Life Form
	33	Ba	auhinia purpuria		Caesalpinace	96	Phanerophyte Phanerophyte
	34	De	mbusa arundanace	:ae	Caesalpinace Poaceae	ae	Phanerophyte
1	35	DL	lea monosperma		Canada		Phanerophyte
1	36	Fu	tea frondosa		Caesalpinacea Caesalpinacea	e	Phanerophyte
	37	De	calyptus sp lonix regia		Myrtaceae	e	Phanerophyte
	38	100	Icons le		Caesalpinacea		Phanerophyte
1	V. Na	tural Ve	getation/Forest		Caesalpinacea	e	Phanerophyte
	39	-+ Abr	us precatorius	Туре		е	Phanerophyte
	40	Abu	tilon indicum		Fabaceae		A STATE OF THE STA
	41	Aca	cia Arabica		Malvaceae		Therophyte
-	42	Aca	cia auriculiformis		Mimosaceae		Phanerophyte
	43	Acad	cia catechu		Mimosaceae		Phanerophyte
-	44	Acad	da intinsia		Mimosaceae		Phanerophyte
-	45	Acad	ia fernacea		Mimosaceae		Phanerophyte
_	46	Acac	ia leucophine		Mimosaceae		Phaneophyte
	47	Acaly	pha lanceolata		Mimosaceae		Phanerophyte
	48	Acan	thospermum hisni-	Lien	Euphorbiaceae		Phanerophyte
	49	- CM-114	dillines acnors	UIII	Compositae	100	Therophyte
	50	Agati	loda vasica		Amaranthaceae	1	Therophyte
	51	Adina	cordifolia		Acanthaceae		Therophyte
	52	Aegle	marmelos		Rubiaceae		Therophyte
-	3	Aerva	lanata		Rutaceae		Phanerophyte
	5	Agera	tum conyzoides		Compositae		Phanerophyte
	6	Allanti	ies excela		Compositae		Phanerophyte
5	-	Alangi	um salivus		Simaroubaceae		Therophyte
5	_	Albizia	odoratissima		Alangiceae		Phanerophyte Phanerophyte
5		AIDIZIA	procera		Caesalpinaceae		Phanerophyte
60		AISTONI	a scholaris		Caesalpinaceae	F	hanerophyte
61		Aherin	nthera sessilis		Apocyanaceae	I F	hanerophyte
62		Anonoi	pus hamosus		Amaranthaceae Fabaceae		herentivie
63	-	Anogel	isus latifolia		Combretaceae	17	herophyte
64		Argem	sus serica		Combretaceae	P	nanerophyte
65		Azadir	ne mexicana chta indica		Papevaraceae	PI	nanerophyte
66		Barleria	prionoites		Meliaceae	Pi	laneronhyte
67		Bidens F	prionoites liternata		Acanthaceae	Pr	lanerophyte
68		Blephari	s asperima		Compositae	In	erophyte
69	14 1	Blepharis	madaraspatens		Acanthaceae	Th	erophyte
70		Blumea l	acera		Acanthaceae	Ph.	anerophyte
71	I E	Boerheav	ria chinensis		Compositae	In	erophyte
72	_ L	poerneav	ia diffues		Nycataginaceae	The	erophyte
73		ombax (ceiba		Nyctaginaceae	The	Prophyte
4	1 5	orreria F	ilspida		Bombacaceae	The	rophyte
5	B	orreria s	tricta		Rubiaceae	Pha	nerophyte
6	B	oswellia	Serrata		Rubiaceae	The	rophyte
7	BI	assica c	amprestrie		Burseraceae	The	rophyte
8	101	idella re	tusa	(ruciferae	Phai	nerophyte
)	Br	idelia su	perha	- E	uphorbiaceae	l ner	ophyte
,	1 Ca	esalpina	Dulcherima	E	uphorbiaceae	Phar	nerophyte
	- Cd	lotropis	Drocera		aesalpinaceae	Phan	erophyte
	Ca	nthium o	liddynum	A	sclipiadaceae	Phan	erophyte
	Cal	oparis at	phylla	R	ubiaceae	Phan	erophyte
	Cal	oparis de	ciduas	10	apparidaceae	There	erophyte pphyte
-	Car	ISSa cara	andus	0	pparidaceae	Phane	Prophyte
	Car	issa spir	arium	A	ocyanaceae	Phane	Prophyte
	Ca5	earia ora	Venlenc	C	ocyanaceae	Phane	rophyte
	Las.	Sta absur	2	50	mydiaceae	Phane	rophyte
	Cass	sia absus	5	Ca	esalpinaceae	Phane	rophyte
	Cass	sia auricu	ılata	Ca	esalpinaceae	Therop	phyte
	Cass	ila occide	entalis	Cal	esalpinaceae	Therop	phyte
	Cont	ia tora		Car	esalpinaceae	Therop	hyte
	Cest	rum diur	กบกา	Ruh	salpinaceae naceae	Phaner	ophyte
-	CCSU	um noci	Tunum	Pub	iaceae	Theoph	vte
				11111	MACCOC.	Therop	1.00

Sr. No.	Technical Name	Family	Life Form
95	Chloris varigata	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	Croton bonplandinum	Amaryllidaceae	Therophyte
103	Cuscuta reflexa	Cuscutaceae	Epiphyte
104	Datura fastulosa	Solanaceae	Therophyte
105	Datura metal	Solanaceae	Therophyte
106	Desmodium triflorum	Asclepiadaceae	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 lajerium	Compositae	Hemicryptophyte
113	Erythrina indica	Papillionaceae	Phanerophyte
114	Euphorbia geniculata	Euphorbiaceae	Therophyte
115	Euphorbia hirta	Euphorbiaceae '	Therophyte
116	Euphorbia hyperocifolia	Euphorbiaceae	Therophyte
117	Euphorbla neruri	Euphorbiaceae	Therophyte
118	Euphorbia nivula	Euphorbiaceae	Therophyte
119	Euphorbia piluliflora	Euphorbiaceae	Hemicryptophyte
120	Euphorbia tricauli	Euphorbiaceae	Hemicryptophyte
121	Evolvulus alsinoides	Convolvulaceae	Therophyte
122	Evolvulus numalaris	Convolvulaceae	Therophyte
123	Feronia elephantum	Rutaceae	Phanerophyte
124	Ficus benghalensis	Moraceae	Phanerophyte
125	Ficus carica	Moraceae	Phanerophyte
126	Ficus glomerata	Moraceae	Phanerophyte:
127	Ficus hispida	Moraceae	Phanerophyte
128	Ficus racemosus	Moraceae	Phanerophyte
129	Ficus relisiosa	Moraceae	Phanerophyte
130	Ficvus gibbosa	Moraceae	Phanerophyte
131	Gardenia latifolia	Rubiaceae	Phanerophyte
1.32	Gardenia lucida	Rubiaceae	Phanerophyte
133	Garuga pinnata	Burseraceae	Phanerophyte
1.34	Glossocardia bosvellia	Compositae	Hemicryptophyte
135	Gmelina arborea	Rubiaceae	Phanerophyte
136	Gomphrena globosa	Amaranthaceae	Therophyte
137	Gossypium herbaceum	Malvaceae	Therophyte
138	Grewia abutifolia	Tiliaceae	Phanerophyte
139	Grewla salivifolia	Tiliaceae	Phanerophyte
140	Grewia subinaqualis	Tiliaceae	Phanerophyte
141	Gynandropis gynandra	Capparidaceae	Hemicryptophyte
142	Helictris isora	Rubiaceae	Phanerophyte
143	Heliotropium indicum	Rubiaceae	Hemicryptophyte
144	Helitropium ovalifolium	Rubiaceae	Hemicryptophyte
145	Hemidesmus indicus	Asclepiadaceae	Phanerophyte
146	Hibsicus caesus	Malvaceae	Hemicryptophyte
147	Holarrhena antidycenterica	Asclepiadaceae	Phanerophyte
148	Holostemma annularia	Aslepiadaceae	Phanerophyte
149	Hygrophylla auriculata	Acanthaceae	Hemicryptophyte
150	Hyptis suavalens	Labiatae	Therophyte
151	Ichnocarpus frutens	Poaceae	Hemicryptophyte
152	Impatiens balasamania	Balsaminaceae	Therophyte
153	Indigofera hirsute	Caesalpinaceae	Therophyte
154	Indigofera limnacea	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
198 (1987 AV.)	Ixora parviflora	Rubiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
161	Ixora singapuriens	Rubiaceae	Phanerophyte
162	Jasmimum arborens	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 camata	Verbinacaee	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 tridinatus	Scrophulariaceae	Geophyte
182	Luffa acutangularia	Cucurbitaceae	. Therophyte
183	Lycopersicum esculentus	Solanaceae	Therophyte
184	Madhuca latifolia	Sapotaceae	Phanerophyte
185	Mallotus philippinus	Euphorbiaceae	Phanerophyte
186	Malvastrum coramandalicum	Malvaceae	Therophyte
187	Mangifera indica	Anacardiaceae	Phanerophyte
188	Marselia quadrifolia	Marseliaceae	Phanerophyte
189	Melia azadirachta	Meliaceae	Phanerophyte
190	Memordica diocea	Cucurbitaceae	Therophyte
191	Merremia emerginata	Convolvulaceae	Therophyte
192	Michaelia champaca	Annonaceae	Phanerophyte
193	Millingtonia harterisis — Mimosa hamata — — — — — — — — — — — — — — — — — —	Bignoniaceae Mimosaceae	Phanerophyte Therophyte
194		Rubiaceae	Phanerophyte
195 196	Mitragyna parviflora Mollugo cerviana	Aizoaceae	Therophyte
196	Mollugo hirta	Aizoaceae	Therophyte
198	Moringa oleifera	Moringaceae	Phanerophyte
190	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-basillum	Labiatae	Therophyte
207	Ocimum_canum	Labiatae	Therophyte
208	Ocimum sanctum	Labiatae	Therophyte
209	Oldenlandia umbellate	Convolvulaceae	Therophyte
210	Oldenlandiua corymbosa	Rubiaceae	Therophyte
211	Oogeinia oojensis	Papillionaceae	Phanerophyte
212	Opuntia dillinii	Opuntiaceae	Therophyte
213	Opuntia elator	Cacataceae	Therophyteq
214	Oxalis corniculata	Oxalidaceae	Therophyte
215	Panicum milliria	Poaceae	Hemicryptophyte
216	Panicum notatum	Poaceae	Hemicryptophyte
217	Papaver somniferum	Papaveraceae	Hemicryptophyte
218	Parkinsonia aculata	Mimosaceae	Phanerophyte
219	Parthenium hysterophorus	Compositae	Therophyte
220	Paspalum strobilanthus	Passifloraceae	Hemicryptophyte
221	Passiflora foetida	Passifloraceae	Phanerophyte
222	Pavonia zeylanica	Malvaceae	Phanerophyte
223	Peltophorum ferrusinum	Caesalpinaceae	Phanerophyte
224	Phoenix aculis	Palmae	Phanerophyte
225	Phyllanthes asperulatus	Euphorbiaceae	Phanerophyte
443	Phyllanthes emblica	Euphorbiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
227	Phyllanthes nirurii	Euphorbiaceae	Therophyte
228	Phyllanthes reticulates	Euphorbiaceae	Therophyte
229	Physalis minima	Solanaceae	Therophyte
230	Pithocolobium dulce	Mimosaceae	Phanerophyte
231	Polyalthia longifolia	Annonaceae	Phanerophyte
232	Polygala ererptera	Polygalaceae	Therophyte
233	Pongamia pinnata	Fabaceae	Phanerophyte
234	Portulaca oleracea	Portulaccaceae	Therophyte
235	Psidium guava	Myrtaceae	Phanerophyte
236	Punica granulatum	Puniaceae	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 sweitenoides	Sapindaceae	Phanerophyte
246	Schleichera oleosa	Sapindaceae	Phanerophyte
247	Sesamum-indicum-	Pedaliaceae	Hemicryptophyte
248	Shorea robusta	Dipterocarpaceae	Phanerophyte
249	Sida orientalis	Malvaceae	Phanerophyte
250	Sida vernanifolia	Malvaceae '	Hemicryptophyte
251	Sejanum nigrum	Solanaceae	Therophyte
252	Solanum xanthocarpum	Solanaceae	Therophyte
253	Sterculia villosa	Tiliaceae	Therophyte
254	Stereospermum chelinoides	Bignoniaceae	Phanerophyte
255	Sygyglum cumini	Myrtaceae	Phanerophyte
256	Tamarindus indica	Caesalpinaceae	Phanerophyte
257	Tecomella undulate	Bignoniaceae	Therophyte
258	Tectona grandis	Verbinaceae	Phanreophyte
259	Tephrosia purpuria	Fabaceae	Therophyte
260	Terminalia bellarica	Combretaceae	Phanerophyte
261	Terminalia chebula	Combretaceae	Phanerophyte
262	Terminalia tomentosa	Combretaceae	Phanerophyte
263	Tinospora cordifolia	Rhamnaceae	Therophyte
264	Tragus biflorus	Poaceae	Hemicryptophyte
265	Tribulus terrestris	Zygophyllaceae	Therophyte
266	Tridax procumbens	Compositae	Therophyte
267	Triumferta pilosa	Tiliaceae	Thereselves
268	Vernonia cinera	Compositae	Therophyte
269	Vicoa indica Vitex Negundo	Compositae	Phanerophyte
270		Verbinaceae	Phanerophyte
271 272	Vitex negungo	Verbinaceae	Therophyte
	Vitis vermifera	Vitaceae	Therophyte
273	Vivevera zizanoides	Poaceae	Therophyte
	Wrightia tomentosa	Apocyanaceae	Phanerophyte
275	Xanthium strumariumk Yucca gloriosa	Compositae	Therophyte
276		Agavaceae	Therophyte -
277	Zizyphus jujube Zizyphus mauritiana	Rhamnaceae	Phanerophyte
/. Grassia		Rhamanaceae	Phanrophyte
, Grassi		I Banana	Tuitt-
	Apluda mutica	Poaceae	Hemicryptophyte
279	Chloria dallahaata		
279 280	Chloris dolichosta	Poaceae	Hemicryptophyte
279 280 281	Cyanodactylon sp	Poaceae	Geophyte
279 280 281 282	Cyanodactylon sp Dichanthium annulatum	Poaceae Poaceae	Geophyte Hemicryptophyte
279 280 281 282 283	Cyanodactylon sp Dichanthium annulatum Inpurta cylendrica	Poaceae Poaceae Poaceae	Geophyte Hemicryptophyte Hemicryptophyte
279 280 281 282 283 284	Cyanodactylon sp Dichanthium annulatum Inpurta cylendrica Sachharum spontanseum	Poaceae Poaceae Poaceae Poaceae	Geophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte
279 280 281 282 283 284 285	Cyanodactylon sp Dichanthium annulatum Inpurta cylendrica Sachharum spontanseum Themeda quadrivalvis	Poaceae Poaceae Poaceae Poaceae Poaceae	Geophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte
279 280 281 282 283 284 285 286	Cyanodactylon sp Dichanthium annulatum Inpurta cylendrica Sachharum spontanseum Themeda quadrivalvis Aristida adscensionsis	Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae	Geophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryprophyte Hemicryptophyte
279 280 281 282 283 284 285 286 287	Cyanodactylon sp Dichanthium annulatum Inpurta cylendrica Sachharum spontanseum Themeda quadrivalvis Aristida adscensionsis Cenchrus ciliaris	Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae	Geophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Therophyte
279 280 281 282 283 284 285 286 287 288	Cyanodactylon sp Dichanthium annulatum Inpurta cylendrica Sachharum spontanseum Themeda quadrivalvis Aristida adscensionsis Cenchrus ciliaris Cenchrus setifgera	Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae	Geophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Therophyte Therophyte
279 280 281 282 283 284 285 286 287	Cyanodactylon sp Dichanthium annulatum Inpurta cylendrica Sachharum spontanseum Themeda quadrivalvis Aristida adscensionsis Cenchrus ciliaris	Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae Poaceae	Geophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Hemicryptophyte Therophyte

Sr. No.	Technical Name		
292	Dactylectinium annualatum	Family	Life Form
293	Digetaria bicornis	Poaceae	Therophyte
294	Digetaria Segetaria	Poaceae	Hemicryptophyte
295	Eragrostis biferia	Poaceae	Hamisa
296	Eragrostis biferia	Poaceae	Hemicryptophyte
297	Eragrostis tenella	Poaceae	Therophyte
298	Ischaemum rugosum	Poaceae	Therophyte
	Setaria glauca	Cyperaceae	Hemicryptophyte
299	Eulaliopsis binata	Graminae	Hernicryptophyte
300	Thysanolaena maxima		Hemicryptophyte
	Endangered plants	Graminae	Home
			species observed durin from records of Botanica data of Books of India

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

Technical Name	English Name/	Wild Life Protection Act
Aves	Local Name	(1972) Status
Phlacrocorax niger	WANTED TO THE PARTY OF THE PART	
Nycticorax nycticorax	Little cormorant	Sch-IV
Ardeola grayii grayii	Night heron	Sch-I¥
Bubulcus ibis coromandus	- Paddy bird	Sch-IV
Eudynamys scolopacea	Cattle egret	
Meops philippinus philippinus	Indian koel	Sch-IV
Dinggium basakat	Bluetailed bee-eater	Sch-IV
Dinopium benghalense tehminae	Malabar golden backed	Sch-IV
Nordothors + : .:	Woodpecker	Sch-IV
Acridotheres tristis tristis	Common myna	
Nectarinia minima	Small sunbird	Sch-IV
Passer domesticus indicus	Indian house sparrow	Sch-IV
Butterflies	- partow	Sch-IV
Hypolimnas bolina Lin.	I Great augfly	
Euploea core Cramer	Common crow	-
Neptis hylas Moore	Common sailor	
Eurema hecabe Lin.	Common sallor	
Parantica aglea Stoll.	Common grass yellow	-
Mammals	Glassy tiger	_
Funambulus palmarum	5-1	
Sus sucrofa	Squirgel	Sch-IV
Herpestes edwardii	Wild pig	Sch-III
/ulpus benghalensis	Common mongoose	Sch-IV
lystrix indica	Wild fox	Sch-II
The state of the s	Porcupine	Sch-IV

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

Technical Name	English Name (Lands IN STUDY A	201:12
	English Name/Local Name	Wild Life Protection Act
Aves		(1972)
Phlacrocorax niger	Little cormorant	
Ardea purpurea manilensis	Eastern morant	Sch-IV
Nycticorax nycticorax	Eastern purple heron	Sch-IV
Ardeola grayii grayii	Night heron	Sch-IV
Dupetor flavicollis	Paddy bird	Sch-IV
Ardea alba modesta	Black bittern	Sch-IV
Bubulcus ibis coromandus	Large egret	
Milvus migrans govinda	Cattle egret	Sch-IV
Haliastur Indus indus	Common pariah kite	Sch-IV
Vanally a la dia	Brahminy kite	Sch-IV
Vanellus indicus indicus	Redwattled lapwing	Sch-IV
Tringa hypoleucos	Common sandpiper	Sch-IV
Gelochelidon nilotica nilotica	Gullbilled tern	Sch-IV
udynamys scolopacea	Indian koel	Sch-IV
talcyon smyrnensis fusca	Indian white breasted Kingfischer	Sch-IV
Meops philippinus philippinus	Bluetailed bee-eater	Sch-IV
	I Transferred peeredler	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	Little spinder hunter	Sch-IV		
longirostris				
Passer domesticus indicus	Indian house sparrow	Sch-IV		
Copsychus saularis ceyonensis	Southern magpie-robin	Sch-IV		
Orthotomus sutorius	Tailor bird guzurata	Sch-IV		
Pavocristatus	Peacock	Part-III of Sch-I		
Amphibians				
Rana tigriana	Common frog	Sch-IV		
Buto melanosticus	Toad	Sch-IV		
Reptiles				
Calotes versicolor	Lizard	Sch-IV		
Calotes versicolor	Common garden lizard	Sch-IV		
Chamaleon zeylanicus	Indian chamaeleon	Sch-II		
Lycodon spp.	Wolf snake	Sch-III		
Boiga spp.	Catisnake	Sch-III		
Bangarus spp.	Krait	Sch-II		
Naja naja	Indian cobra	Sch-III		
Vipera spp.	Russels viper	Sch-III .		
Phyton sp	Python sp	Sch-I		
Butterfiles	1,440,705	3011-1		
Pachliopta hector Lin.	Crimson rose			
Papilio demoleus Lin.	Lime butterfly			
Graphium agamemnon Lin.	Tailed fay	-		
Junoria 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.				
Mammals	Emigrant	-		
Rattus sp.	Rat			
Lepus nigricollis	Hare	Sch-IV		
Canis auries		Sch-IV		
	Jackal	Sch-III		
Presbytis entellus Presbytis phayrei	Langur	Sch-II		
	Monkey	Sch-I		
Funambulus spp.	Squirrel	Sch-IV		
Funambulus palmarum	Squirrel	Sch-IV		
Sus sucrofa	Wild pig	Sch-III		
Rattus norvegicus	Field mouse	Sch-V		
Rattus rattus	House rat	Sch-V		
Rhinolopus spp.	Bat	Sch-V -		
Hipposiderus spp.	Bat	Sch-V		
Herpestes edwardii	Common mongoose	Sch-IV		
Bandicota indica	Bandicoot	Sch-V		
Bandicota bengalensis	Bandicoot	Sch-V		
/ulpus benghalensis	Wild fox	Sch-III		
delsurus ursinus	Bear	Sch-III		
Hystrix indica	Porcupine	Sch-IV		
Axis axis 🗸	Spotted deer	Sch-III		
Canis lupaspallipes	Indian wolf	Part-I of Sch-I		
Mellivora capensis	Indian Ratel	Part-I of Sch-I		
lephas maximas	Indian Elephant	Part-I of Sch-I		
elis chaus	Jungle cat	Part-II of sch-II		
Parodoxurus hermophroiditus	Indian Small civet	Part-I of sch-I		
funtiacus muntiacus	Barking deer	Sch-III		
	Monkey	2011111		

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HINDALCO INDUSTRIES LIMITED SAMRI MINES DIVISION

Year wise /lease wise Afforestation details

Year	Kudag lease				
rear	No. of Saplings	Area in Ha			
1998-2017	117570	49.980			
2017-18	2960	1.220			
2018-19	2780	1.110			
2019-20	2980	1.200			
2020-21	4865	2.405			
2021-22	3270	0.354			
2022-23	5020	1.519			
2023-24	4170	1.105			
2024-25	4590	1.868			
Total	148205	60.761			

HINDALCO INDUSTRIES LIMITED

Samri Mines Divison

Ground Water Level Data (October 2024 to March 2025)

	Kudag Mine Lease Piezometer Reading							
S No	Month	Depth (meter)						
1	Oct-24	29.7						
2	Nov-24	30.5						
3	Dec-24	31.1						
4	Jan-25	30.6						
5	Feb-25	31.0						
6	Mar-25	31.4						



Anacon Laboratories Pvt. Ltd. Nagpur Lab

PFP-34, 35,Food Park, Five Star Industrial Estate,
 MIDC Butibori, Nagpur, Maharashtra, India - 441 122
 + 91 8045685558 Email : info@anacon.in
 https://www.anaconlaboratories.com

Test Report

Test Report No.: ALPL/31122024/2-18 Dated 31/12/2024 Page 1 of 5

Issued To:

M/s Hindalco Industries Limited

Kudag Village P.O. Dumarkholi

Inward Date

Sample Inward No. ALPL/23122024/MON-294-EW-2/2-1

23/12/2024

Analysis Start 24/12/2024

Analysis End 31/12/2024

Kudag Village, P.O. Dumarkholi,
Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)

Inward Date
Reference

23/12/2024
13562310264; 17.05.2024

Sample Category

Water

Sample Category Water

Sample Description Sample Particulars / Details Purpose of analysis Quantity Received

Water GW-1 Drinking 5 Ltr

Sampled by
Anacon representative Mr. Akshay Babulkar

Sampling Date: 20/12/2024
Sampling Location
Sampling Time: 3.15 pm
Saraidih (Hindalco Campus)

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, Mineral Oil

TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		Test Result					
				Acceptable Limit	Permissible Limit #						
1	Discipline : Biological Group : Water										
1	Coliform	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)					
2	Escherichia coli	MPN/100 ml	IS 1622	Absent	Absent	BLQ(LOQ-2)					
II	. 14	Disc	cipline : Chemical Group : W	/ater							
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 23)	200	600	130.5					
4	Ammonia (as N)	mg/l	IS 3025 (Part 34)	0.5	No relaxation	BLQ (LOQ-0.1)					
5	Anionic Detergents (as MBAS)	mg/l	IS 13428 : (Annex K)	0.2	1.0	BLQ (LOQ-0.01)					
6	Colour	Hazen units	IS 3025 (Part 4) Clause 4	5	15	BLQ(LOQ-1)					
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5	0.05	No relaxation	BLQ (LOQ-0.005)					
8	Chloride (as CI)	mg/l	IS 3025 (Part 32) Clause 2	250	1000	28.16					
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) Clause 5	75	200	BLQ(LOQ-2)					
10	Chloramines (as Cl ₂)	mg/l	IS 3025 (Part 26)	4.0	No relaxation	BLQ (LOQ-0.1)					
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) Clause 7	0.2	1	BLQ (LOQ-0.1)					
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) Clause 6	1.0	1.5	BLQ(LOQ-0.1)					
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) Clause 6	30	100	BLQ(LOQ-2)					
14	Nitrate (as NO ₃)	mg/l	APHA 23 rd edition: Method 4500-NO3	45	No relaxation	7.14					
15	Odour	9	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable					
16	pH	-	IS 3025 (Part 11)	6.5 to 8.5	No relaxation	7.14					
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6	0.001	0.002	BLQ (LOQ-0.001)					
18	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24/ Sec1) Clause 5	200	400	18.24					
19	Taste		IS 3025 (Part 8)	Agreeable	Agreeable	Agreeable					
20	Total dissolved solids	mg/l	IS 3025 (Part 16)	500	2000	148					
21	Turbidity	NTU	IS 3025 : (Part 10)	1	5	BLQ(LOQ-0.1)					
22	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) Clause 5	200	600	BLQ(LOQ-4)					
23	Sulphide (as H ₂ S)	mg/l	IS 3025 (Part 29)	0.05	No relaxation	BLQ (LOQ-0.03)					
24	Mineral Oil	mg/l	ANtr/7.2/RES/06	1	No relaxation	BLQ (LOQ-0.001)					

Please refer last Page for Note and Remarks.

Verified By

Snehal Raut Technical Manager Pradnya Pillewan Dy Technical Manager Authorized Signatories

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Pooja Kathane Technical Manager

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Kudag Village, P.O. Dumarkholi,

Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)

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Test Report

Test Report No.: ALPL/31122024/2-18 Page 2 of 5 ALPL/23122024/MON-294-

Sample Inward No. EW-2/2-1 M/s Hindalco Industries Limited

Inward Date 23/12/2024

Reference 13562310264; 17.05.2024 **Analysis Start** 24/12/2024 **Analysis End** 31/12/2024

Sample

Water Category Sample Description Sample Particulars / Details Purpose of analysis **Quantity Received** Drinking Water GW-1 5 Ltr Sampled by Sampling Date: 20/12/2024 Sampling Location Saraidih (Hindalco Campus)

3.15 pm Anacon representative Mr. Akshay Babulkar Sampling Time: Tests required Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium,

Zinc, Polynuclear aromatic hydrocarbon (PAH), Polychlorinated biphenyls

TEST RESULTS

S.N.	Test Parameter	Measurement Unit	Test Method	Requiren IS 105 (Drinking Wate Including Am	Test Result	
				Acceptable Limit	Permissible Limit #	
11	Discipline : Chemical	Group : Resid	ues and contaminants in	n water		
25	Arsenic (as As)	mg/l	IS 3025 (Part 37)	0.01	No relaxation	BLQ (LOQ-0.01)
26	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	0.06
27	Barium (as Ba)	mg/l	IS 3025 (Part 2)	0.7	No relaxation	0.02
28	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ (LOQ-0.02)
29	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ (LOQ-0.02)
30	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ (LOQ-0.002)
31	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.13
32	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ (LOQ-0.01)
33	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ (LOQ-0.02)
34	Mercury (as Hg)	mg/l	IS 3025 (Part 48)	0.001	No relaxation	BLQ (LOQ-0.001)
35	Selenium (as Se)	mg/l	IS 3025 (Part 56)	0.01	No relaxation	BLQ (LOQ-0.01)
36	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ (LOQ-0.02)
37	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	0.02
38	Polynuclear aromatic hydrocarbon (PAH)	µg/l	ANtr/7.2/RES/03	0.1	No relaxation	BLQ (LOQ-0.03)
H	Discipline : Chemical	Group : Residu	ues contaminants in wat	er		
41	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04		T	BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	μg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	ANtr/7.2/RES/04	-	No.	BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	μg/l	ANtr/7.2/RES/04	0.5	No relaxation	BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'- heptachlorobiphenyl	hâ\l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)

☐ Please refer last Page for Note and Remarks. Verified By

> Pradnya Pillewan Deputy Technical Manager

Kashish Dhanrajani Deputy Technical Manager Signatory

Pooja Kathane **Technical Manager** **Authorized Signatory**

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Test Report

Test Report No.: ALPL/31122024/2-18 ALPL/23122024/MON-294Page 3 of 5

Issued To: M/s Hindalco Industries Limited

Kudag Village, P.O. Dumarkholi,

Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)

Sample Inward No.

EW-2/2-1 **Inward Date** 23/12/2024

Reference

Analysis Start

24/12/2024 31/12/2024

Water

13562310264; 17.05.2024

Analysis End Sample Category

Sample Description Sample Particulars / Details Water

GW-1 Sampling Date: analysis Drinking

Purpose of

Quantity Received 5 Ltr

Sampled by Anacon representative Mr. Akshay Babulkar

Sampling Time:

20/12/2024 3.15 pm

Sampling Location Saraidih (Hindalco Campus)

Tests required, Polynuclear aromatic hydrocarbons, Trihalomethanes

			TEST RESULTS			
S.N.	Test Parameter	Test Parameter Measurement Unit Test Method		Requirer IS 105 (Drinking Wate Including An	Test Result	
				Acceptable Limit	Permissible Limit #	
П	Discipline : Chemical	Group : Residue	s contaminants in water	Material or Pr	oduct tested: Drink	ing water
42	Polynuclear aromatic hydrocarb	ons				
	Naphthalene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Acenaphthylene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Acenaphthene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Fluorene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Anthracene	μg/l	ANtr/7.2/RES/04	. 0.1		BLQ (LOQ-0.03
	Phenanthrene	μg/I	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Fluoranthene	μg/I	ANtr/7.2/RES/04		No relaxation	BLQ (LOQ-0.03
	Pyrene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Benzo(a)anthracene	μg/l	ANtr/7.2/RES/04		No relaxation	BLQ (LOQ-0.03
	Chrysene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Benzo(a)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Benzo(b)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Benzo(k)fluoranthene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Indeno(123,cd)pyrene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Dibenzo(a,h)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
	Benzo(ghi)perylene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03
43	Trihalomethanes					
i	Bromoform	mg/l		0.1	No relaxation	BLQ (LOQ-0.05
ii	Dibromochloromethane	mg/l		0.1	No relaxation	BLQ (LOQ-0.05
iii	Bromodichloromethane	mg/l	ANtr/7.2/RES/04	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** Signatory

Pooja Kathane Technical Manager **Authorized Signatory**

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Test Report

Test Report No.: ALPL/31122024/2-18 -Sample Inward No. Issued To:

Anacon representative Mr. Akshay Babulkar

Page 4 of 5 ALPL/23122024/MON-294-

M/s Hindalco Industries Limited Kudag Village, P.O. Dumarkholi,

EW-2/2-1

Analysis Start 24/12/2024 31/12/2024

Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)

Inward Date 23/12/2024 Reference 13562310264; 17.05.2024 **Analysis End**

Sample Description

Sample Particulars / Details

Purpose of analysis

Sample Category Water

Water

GW-1

Drinking

Quantity Received 5 Ltr

Sampled by

µg/l

Sampling Date: Sampling Time: 20/12/2024 3.15 pm

Sampling Location Saraidih (Hindalco Campus)

Tests required - Pesticide Residues Organochlorine

TEST RESULTS

	Unit	Test Method	Including Am	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4		
Carl Carl			Acceptable Limit	Permissible Limit #	1	
Discipline : Chemical	Group : Residu	es contaminants in	water	A .	h	
Pesticide Residues Organochlorine	1			. 10		
Alpha-HCH	µg/l	ANtr/7.2/RES/01	0.01	No relaxation	BLQ (LOQ-0.01)	
Beta HCH	μg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)	
Delta- HCH	μg/l	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03)	
Gamma - HCH (Lindane)	μg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)	
Alachlor	µg/l	ANtr/7.2/RES/01	20	No relaxation	BLQ (LOQ-0.03)	
Aldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)	
Dieldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03)	
Butachlor	µg/I	ANtr/7.2/RES/01	125	No relaxation	BLQ (LOQ-0.03)	
	µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)	
	μg/I	ANtr/7.2/RES/01			BLQ (LOQ-0.03)	
p,p'-DDE, o,p'-DDE, p,p'-DDD,	μg/I	ANtr/7.2/RES/01			BLQ (LOQ-0.03)	
o,p'-DDD, o,p'- DDT, p,p'- DDT	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)	
	µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)	
	μg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03)	
Atrazine	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)	
2,4-Dichlorophenoxyacetic acid	μg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)	
	Alpha-HCH Beta HCH Delta- HCH Gamma - HCH (Lindane) Alachlor Aldrin Dieldrin Butachlor p,p'-DDE, o,p'-DDE, p,p'-DDD, o,p'-DDD, o,p'-DDT, o,p'-DDT	Alpha-HCH	Alpha-HCH μg/l ANtr/7.2/RES/01 Beta HCH μg/l ANtr/7.2/RES/01 Delta- HCH μg/l ANtr/7.2/RES/01 Gamma - HCH (Lindane) μg/l ANtr/7.2/RES/01 Alachlor μg/l ANtr/7.2/RES/01 Aldrin μg/l ANtr/7.2/RES/01 Dieldrin μg/l ANtr/7.2/RES/01 Butachlor μg/l ANtr/7.2/RES/01 ANtr/7.2/RES/01 μg/l ANtr/7.2/RES/01 μg/l ANtr/7.2/RES/01 ANtr/7.2/RES/01	Alpha-HCH	Alpha-HCH μg/l ANtr/7.2/RES/01 0.01 No relaxation Beta HCH μg/l ANtr/7.2/RES/01 0.04 No relaxation Delta- HCH μg/l ANtr/7.2/RES/01 0.04 No relaxation Gamma - HCH (Lindane) μg/l ANtr/7.2/RES/01 2 No relaxation Alachlor μg/l ANtr/7.2/RES/01 20 No relaxation Aldrin μg/l ANtr/7.2/RES/01 0.03 No relaxation Dieldrin μg/l ANtr/7.2/RES/01 0.03 No relaxation Butachlor μg/l ANtr/7.2/RES/01 125 No relaxation μg/l ANtr/7.2/RES/01 1 No relaxation μg/l ANtr/7.2/RES/01 1 No relaxation λατ/γ.2/RES/01 μg/l ANtr/7.2/RES/01 1 No relaxation λατ/γ.2/RES/01 μg/l ANtr/7.2/RES/01 2 No relaxation λατ/γ.2/RES/01 μg/l ANtr/7.2/RES/01 2 No relaxation	

ANtr/7.2/RES/01

Endosulphan sulphate ☐ Please refer last Page for Note and Remarks.

Alpha-Endosulphan Beta-Endosulphan

Verified By

Kashish Dhanrajani **Deputy Technical Manager** Signatory

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Pooja Kathane **Technical Manager** **Authorized Signatory**

No relaxation

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BLQ (LOQ-0.03)



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Test Report

Issued To:

M/s Hindalco Industries Limited

Sample Description

Water

Kudag Village, P.O. Dumarkholi, Tehsil Samri(Kusmi), Disrict: Balrampur (C.G) Sample Inward No. **Inward Date**

Sample Particulars / Details

GW-1

Reference

ALPL/23122024/MON-294-EW-2/2-1

23/12/2024

Sampling Date:

Sampling Time:

13562310264; 17.05.2024

Page 5 of 5

Analysis Start Analysis End

24/12/2024 31/12/2024

Sample Category Water

Quantity Received

Purpose of analysis 5 Ltr

Drinking

20/12/2024 Sampling Location 3.15 pm Saraidih (Hindalco Campus)

Tests required - Pesticide Residues Organophosphorus

Sampled by

Anacon representative Mr. Akshay Babulkar

TEST RESULTS

			I E O I I LE O O E I O			
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 : Re	esidues contamina	nts in water	•
45	Pesticide Residues Organopho	osphorus				
10	Isoproturon	µg/l	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03)
11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)
12	Parathion methyl	μg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)
	Paraoxon methyl	µg/l	ANtr/7.2/RES/01	-		BLQ (LOQ-0.03)
13	Malathion	µg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03)
	Malaoxon	µg/l	ANtr/7.2/RES/01	-	2	BLQ (LOQ-0.03)
14	Ethion	µg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)
16	Phorate		ANtr/7.2/RES/01		and a second	100000000000000000000000000000000000000
	Phorate-sulfone	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)
	Phorate-sulfoxide					

NOTE: • Please see watermark "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. Test report shall not be reproduced except in full without prior written approval of Anacon Labs. ● Liability of Anacon Labs is limited to invoiced amount only. ● Non-perishable and perishable sample(s) shall be disposed off after 30 days and 15 days respectively from the date of issue of Test Report, unless specified otherwise. ● #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. The submitted sample complies with requirement as per IS: 10500:2012, for tests conducted only.

Verified By

Kashish Dhanrajani **Deputy Technical Manager** Signatory

Pooja Kathane Technical Manager

-END OF REPORT-----

Authorized Signatory

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Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

Test Report No.: ALPL/15042025/4-3 Dated 15/04/2025 Page 1 of 5 ALPL/31032025/MON-241-Sample Inward No. Issued To: **Analysis Start** 01/04/2025 EW-2/2-1 M/s Hindalco Industries Limited **Inward Date** 31/03/2025 Analysis End 14/04/2025 Kudag Village, P.O. Dumarkholi, Reference 13562310264; 17.05.2024 Tehsil Samri(Kusmi), Disrict: Balrampur (C.G) Sample Category Water Sample Description Sample Particulars / Details Purpose of analysis Quantity Received Water GW-1 Drinking 5 Ltr Sampled by Sampling Date: 23/03/2025 Sampling Location 3.15 pm Anacon representative Mr. Akshay Babulkar Sampling Time: Saraidih (Hindalco Campus)

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, Sulphate, Taste, Total dissolved solids, Turbidity, Total hardness, Mineral Oil

RESU	

			TEST RESULTS				
S.N.	Test Parameter	Measurement Unit	Test Method	Inclu- Accep	Requirement as per IS 10500 : 2012 (Drinking Water Specifications) Including Amendment No. 4 Acceptable Permissible		Test Result
1		Dii	War Birtain		nit	Limit #	
		(12)(23/23/3)	pline : Biological	Group : Water			
1	Coliform	MPN/100 ml	IS 1622	Abs	ent	Absent	BLQ(LOQ-2)
2	Escherichia coli	MPN/100 ml	IS 1622	Abs	ent	Absent	BLQ(LOQ-2)
11		Disc	ipline : Chemical	Group : Water			
3	Total Alkalinity (as Calcium Carbonate)	mg/l	IS 3025 (Part 2	20	00	600	156.23
4	Ammonia (as N)	mg/l	IS 3025 (Part 3	4) 0.	5	No relaxation	BLQ (LOQ-0.1)
5	Anionic Detergents (as MBAS)	mg/l	IS 3025 (Part 6	(8)	2	1.0	BLQ (LOQ-0.01)
6	Colour	Hazen units	IS 3025 (Part 4) CI	ause 4	5	15	BLQ(LOQ-1)
7	Cyanide (as CN)	mg/l	IS 3025 (Part 27/Sec 1) Clause 5 0.0	05	No relaxation	BLQ (LOQ-0.005)
8	Chloride (as CI)	mg/l	IS 3025 (Part 32) C	ause 2 25	50	1000	25.84
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) C	lause 5 7	5	200	BLQ(LOQ-2)
10	Chloramines (as Cl ₂)	mg/l	IS 3025 (Part 2	6) 4.0)	No relaxation	BLQ (LOQ-0.1)
11	Free Residual Chlorine	mg/l	IS 3025 (Part 26) C	ause 7 0.	2	1	BLQ (LOQ-0.1)
12	Fluoride (as F)	mg/l	IS 3025 (Part 60) C	ause 6 1.	0	1.5	BLQ(LOQ-0.1)
13	Magnesium (as Mg)	mg/l	IS 3025 (Part 46) C	lause 6 3	0	100	BLQ(LOQ-2)
14	Nitrate (as NO ₃)	mg/l	IS 3025 (Part 34/ Sec1)	Clause 6.4 4	5	No relaxation	8.25
15	Odour	1	IS 3025 (Part	5) Agree	eable	Agreeable	Agreeable
16	рН	14	IS 3025 (Part 1	1) 6.5 to	0 8.5	No relaxation	7.69
17	Phenolic compounds	mg/l	IS 3025 (Part 43/Sec 1) Clause 6 0.0	01	0.002	BLQ (LOQ-0.001)
18	Sulphate (as SO ₄)	mg/l	IS 3025 (Part 24/ Sec1) Clause 5 20	00	400	23.54
19	Taste	6	IS 3025 (Part	8) Agree	eable	Agreeable	Agreeable
20	Total dissolved solids	mg/l	IS 3025 (Part 1	6) 50	00	2000	184
21	Turbidity	NTU	IS 3025 : (Part	10)		5	BLQ(LOQ-0.1)
22	Total hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21) C	lause 5 20	00	600	BLQ(LOQ-4)
23	Sulphide (as H₂S)	mg/l	IS 3025 (Part 2	(9) 0.0	05	No relaxation	BLQ (LOQ-0.03)

Please refer last Page for Note and Remarks.

Snehal Raut Technical Manager

Verified By

Dhanshree Hiwanj Sr. Technical Assistant

Authorized Signatories

Dr. Anupa Tankhiwale Sr. Technical Manager

Chinmay Garway Ity Quality Man



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

Test Report No.: ALPL/15042025/	4-3	Dated 15	5/04/2025	Page 2 of	5	
Issued To:		Sample Inward No.	ALPL/310320 EW-2/2-1	025/MON-241-	Analysis Start	01/04/2025
M/s Hindalco Industries Limited		Inward Date	te 31/03/2025		Analysis End	14/04/2025
Kudag Village, P.O. Dumarkholi,	(0.0)	Reference	1356231026	4; 17.05.2024	West-T-minutes	
Tehsil Samri(Kusmi), Disrict: Balram	ipur (C.G)				Sample Category	Water
Sample Description Water	Sa	ample Particulars / De GW-1	tails	Purpose of analysis Drinking	Quantity F	
Sampled Anacon representative M	001 TO 101 TO 100 TO 10		Sampling Date: Sampling Time:	23/03/2025 3.15 pm	Sampling Saraidih (Hinda	

Tests required Arsenic, Aluminium, Barium, Boron, Copper, Cadmium, Iron, Lead, Manganese, Mercury, Selenium, Total Chromium,

Zinc, Polynuclear aromatic hydrocarbon (PAH), Polychlorinated biphenyls

			TEST RESULTS			
S.N.	. Test Parameter	Test Parameter Measurement Unit Test Method		Requirer IS 105 (Drinking Wate Including An	Test Result	
300	5: : : : : : : : :			Limit	Limit #	
11	Discipline : Chemical	Group : Residi	ues and contaminants in	n water		
24	Arsenic (as As)	mg/l	IS 3025 (Part 37)	0.01	No relaxation	BLQ (LOQ-0.01)
25	Aluminium (as Al)	mg/l	IS 3025 (Part 2)	0.03	0.2	0.04
26	Barium (as Ba)	mg/l	IS 3025 (Part 2)	0.7	No relaxation	BLQ (LOQ-0.02)
27	Boron (as B)	mg/l	IS 3025 (Part 2)	0.5	2.4	BLQ (LOQ-0.02)
28	Copper (as Cu)	mg/l	IS 3025 (Part 2)	0.05	1.5	BLQ (LOQ-0.02)
29	Cadmium (as Cd)	mg/l	IS 3025 (Part 2)	0.003	No relaxation	BLQ (LOQ-0.002
30	Iron (as Fe)	mg/l	IS 3025 (Part 2)	1.0	No relaxation	0.15
31	Lead (as Pb)	mg/l	IS 3025 (Part 2)	0.01	No relaxation	BLQ (LOQ-0.01)
32	Manganese (as Mn)	mg/l	IS 3025 (Part 2)	0.1	0.3	BLQ (LOQ-0.02)
33	Mercury (as Hg)	mg/l	IS 3025 (Part 48)	0.001	No relaxation	BLQ (LOQ-0.001)
34	Selenium (as Se)	mg/l	IS 3025 (Part 56)	0.01	No relaxation	BLQ (LOQ-0.01)
35	Total Chromium (as Cr)	mg/l	IS 3025 (Part 2)	0.05	No relaxation	BLQ (LOQ-0.02)
36	Zinc (as Zn)	mg/l	IS 3025 (Part 2)	5	15	BLQ (LOQ-0.02
37	Polynuclear aromatic hydrocarbon (PAH)	µg/l	ANtr/7.2/RES/03	0.1	No relaxation	BLQ (LOQ-0.03)
11	Discipline : Chemical	Group : Residu	es contaminants in wat	er		
38	Mineral Oil	mg/l	ANtr/7.2/RES/06	1 1	No relaxation	BLQ (LOQ-0.001)
41	Polychlorinated biphenyls					
	2,2',5-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)
	2,4,4'-trichlorobiphenyl	µg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',5,5'-tetrachlorobiphenyl	µg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',4,5,5'-pentachlorobiphenyl	µg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',3,4,4',5'-hexachlorobiphenyl	µg/l	ANtr/7.2/RES/04	0.5	No relaxation	BLQ (LOQ-0.03)
	2,2',4,4',5,5'-hexachlorobiphenyl	μg/l	ANtr/7.2/RES/04	-		BLQ (LOQ-0.03)
	2,2',3,4,4',5,5'- heptachlorobiphenyl	µg/I	ANtr/7.2/RES/04			BLQ (LOQ-0.03)

☐ Please refer last Page for Note and Remarks.

Dhanashree Hiwanj

Kashish Dhanrajani Sr. Technical Assistant Deputy Technical Manager **Authorized Signatory**

Hinmay Garway eputy Quality Manager



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a left of hard



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Test Report

Test Report No.: ALPL/15042025/4-3	Dated 15	5/04/2025	Page 3	of 5	
ssued To : M/s Hindalco Industries Limited Kudag Village, P.O. Dumarkholi, Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)	Sample Inward No. Inward Date Reference	ALPL/31032025/M EW-2/2-1 31/03/2025 13562310264; 17.0		Analysis Start Analysis End Sample Category	01/04/2025 14/04/2025 Water
Sample Description Water	Sample Particulars / I	Purpose of			
Sampled by Anacon representative Mr. Akshay Babulkar		Sampling Date: Sampling Time:	23/03/2025 3.15 pm	Sampling Location Saraidih (Hindalco Campus)	

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 #				
11	Discipline : Chemical	Group : Residue	s contaminants in water	Material or Product tested: Drinking water					
42	Polynuclear aromatic hydrocarbons								
	Naphthalene	μg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.03			
	Acenaphthylene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)			
	Acenaphthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)			
	Fluorene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03)			
	Anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Phenanthrene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Benzo(a)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Chrysene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Benzo(a)pyrene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Benzo(b)fluoranthene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Benzo(k)fluoranthene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Indeno(123,cd)pyrene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Dibenzo(a,h)anthracene	µg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
	Benzo(ghi)perylene	μg/l	ANtr/7.2/RES/04			BLQ (LOQ-0.03			
43	Trihalomethanes								
i -	Bromoform	mg/l	ANtr/7.2/RES/04	0.1	No relaxation	BLQ (LOQ-0.05			
ii	Dibromochloromethane	mg/l		0.1	No relaxation	BLQ (LOQ-0.05			
iii	Bromodichloromethane	mg/l		0.06	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 Garway puty Quality Manager





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Test Report

Test Report No.: ALPL/15042025/4-3	Dated 15	704/2025	Page 4	of 5	
Issued To : M/s Hindalco Industries Limited Kudag Village, P.O. Dumarkholi, Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)	Sample Inward No. Inward Date Reference	ALPL/31032025/ EW-2/2-1 31/03/2025 13562310264; 1		Analysis Start Analysis End Sample Category	01/04/2025 14/04/2025 Water
Sample Description S Water	ample Particulars / De GW-1	etails	Purpose of analysis Drinking	s Quantity	Received Ltr
Sampled by Anacon representative Mr. Akshay	Babulkar	Sampling Date: Sampling Time:		Sampling L Saraidih (Hinda	
Tests required - Pesticide Residues Organoch	lorine				

			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 #	
Ш	Discipline : Chemical	Group : Residu	es contaminants in	water		1/1
44	Pesticide Residues Organochlorine					
1	Alpha-HCH	рд/І	ANtr/7.2/RES/01	0.01	No relaxation	BLQ (LOQ-0.01
	Beta HCH	µg/I	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03
	Delta- HCH	µg/I	ANtr/7.2/RES/01	0.04	No relaxation	BLQ (LOQ-0.03
2	Gamma - HCH (Lindane)	µg/I	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03
3	Alachlor	µg/I	ANtr/7.2/RES/01	20	No relaxation	BLQ (LOQ-0.03
4	Aldrin	µg/l	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03
	Dieldrin	µg/I	ANtr/7.2/RES/01	0.03	No relaxation	BLQ (LOQ-0.03
5	Butachlor	μg/I	ANtr/7.2/RES/01	125	No relaxation	BLQ (LOQ-0.03
		µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03
		µg/I	ANtr/7.2/RES/01		2	BLQ (LOQ-0.03
6	p,p'-DDE, o,p'-DDE, p,p'-DDD,	µg/l	ANtr/7.2/RES/01			BLQ (LOQ-0.03
	o,p'-DDD, o,p'- DDT, p,p'- DDT	µg/I	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03
		µg/I	ANtr/7.2/RES/01			BLQ (LOQ-0.03
	1.5	µg/l	ANtr/7.2/RES/01		100	BLQ (LOQ-0.03
7	Atrazine	µg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03
8	2,4-Dichlorophenoxyacetic acid	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03
9	Endosulphan					75
	Alpha-Endosulphan				1	1
	Beta-Endosulphan	µg/l	ANtr/7.2/RES/01	0. 4	No relaxation	BLQ (LOQ-0.03
	Endosulphan sulphate	1000000		5300 002	5450.650 05050 CAC 5893 FILE 6255	sounding to all research and a contract

Please refer last Page for Note and Remarks.

Verified By

Kashish Dhanrajani Deputy Technical Manager Authorized Signatory

Chinmay Garway

eputy Quality Manager





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Test Report

Test Report No.: ALPL/15042025/4-3	Dated 15	5/04/2025	Page 5	of 5	
Issued To : M/s Hindalco Industries Limited Kudag Village, P.O. Dumarkholi, Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)	Sample Inward No. Inward Date Reference	ALPL/31032025/ EW-2/2-1 31/03/2025 13562310264; 1	Marie Color Control (1990)	Analysis Start Analysis End Sample Category	01/04/2025 14/04/2025 Water
Sample Description Sa Water	mple Particulars / Det GW-1	ails	Purpose of analysis Drinking	Quantity 5 I	
Sampled by Anacon representative Mr. Akshay	Babulkar	Sampling Date: Sampling Time:		Sampling L Saraidih (Hindal	
Tests required - Pesticide Residues Organoph	osphorus			,	

TEST RESULTS

			IEST 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 : Re	esidues contamina	nts in water	*	
45	Pesticide Residues Organoph	osphorus					
10	Isoproturon	µg/l	ANtr/7.2/RES/02	9	No relaxation	BLQ (LOQ-0.03)	
-11	Monocrotophos	µg/l	ANtr/7.2/RES/01	1	No relaxation	BLQ (LOQ-0.03)	
12	Parathion methyl	µg/l	ANtr/7.2/RES/01	0.3	No relaxation	BLQ (LOQ-0.03)	
	Paraoxon methyl	µg/l	ANtr/7.2/RES/01	-	101 3 4	BLQ (LOQ-0.03)	
13	Malathion	μg/l	ANtr/7.2/RES/01	190	No relaxation	BLQ (LOQ-0.03)	
	Malaoxon	μg/l	ANtr/7.2/RES/01		5	BLQ (LOQ-0.03)	
14	Ethion	μg/l	ANtr/7.2/RES/01	3	No relaxation	BLQ (LOQ-0.03)	
15	Chlorpyrifos	µg/l	ANtr/7.2/RES/01	30	No relaxation	BLQ (LOQ-0.03)	
16	Phorate		ANtr/7.2/RES/01				
	Phorate-sulfone	μg/l	ANtr/7.2/RES/01	2	No relaxation	BLQ (LOQ-0.03)	
	Phorate-sulfoxide	100					

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 'ppm'. • µg/l' is equivalent to 'ppm'. • ANtr/7.2/RES-01, Antr/7.2/R

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 for the tested parameters.

Verified By

Kashish Dhanrajani Deputy Technical Manager

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

Authorized Signatory

hinmay Garwa Deputy Quality Manager



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





भूजल निकासी हेतु अनापत्ति प्रमाण पत्र NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

PROJECT NAME KUDAG BAUXITE MINES OF M/S	S HINDALCO INDUSTRIES LIMITED						
PROJECT ADDRESS VILLAGE KUDAG BLOCK KU	SMI PIN CODE 497224						
STATE CHHATTISGARH DISTRICT BA	ALRAMPUR TOWN/BLOCK KUSMI						
COMMUNICATION ADDRESS MINES DIVISION, C	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/2025/1803/R-3/3	2. DATE OF ISSUANCE 10/04/2025						
3. APPLICATION NO. MIN/CG/2025/1803/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 A	GW Abstraction		atering	Total	
m ³ /day	m³/year	m³/day	m ³ /year	m³/day	m³/year
2.00	730.00	0.00	0.00	2.00	730.00

12. Details of Ground Water Abstraction / Dewatering Structures

	EXI	STING	10			PRO	POSED	0			Т	OTAL	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)

HINDALCO INDUSTRIES LIMITED

Samri Bauxite Mines

Self Help Group (SHGs), Samri

No. of SHGs:

30

No of Beneficiaries:

302

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:

30

Unit: Hindalco Industries Limited, Samri Mines Division

				Gs Details			
			1	Samri)	Δ/C	Details	
SI. No	SHG Name	Village Name	District Name	No Of Members	Members Savings in Bank A/C	Bank Loan Received	Economic Activity Name
	Gulmohar Self Help						
1	group	Amtahi	Balarampur	10	15000.00	-	Agriculture
2	Sitara Self Help Group	Amtahi	Balarampur	10	10000.00	250000.00	Stitching Centre
3	Chand Self Help Group	Amtahi	Balarampur	10	46000.00	350000.00	Stitching Centre
4	Muskan Self Help Group	Amtahi	Balarampur	10	11500.00	50000.00	Mid-day meal
5	Chameli Self Group	Nawatoli (Amtahi)	Balarampur	10	6900.00	-	Program Agriculture
6	Nirmala Self Help Group	Amtahi	Balarampur	10	5450.00	50000.00	Agriculture
7	Parwati Self Help Group	Amtahi	Balarampur	10	5500.00	-	
8	Nigrani Self Group		Balarampur	÷,			Agriculture Stitching
•	Chandni	Amtahi		10	9580.00	50000.00	Centre
9	Self Help	Amtahi	Balarampur	10	15850.00	-	Stitching Centre

	Group						
	Swajaldhara Self Help		Balarampur		45000.55		
10	Group	Amtahi		10	15000.00		Agriculture
	Savitri Self		Balarampur	10	12580.00	_	Agriculture
11	Help Group	Amtahi	Balarampur	10	12380.00		Agriculture
	Indira		balarampui				
4.2	Gandhi Self Help Group	Rajendrapur		10	12000.00	-	Agriculture
12	Sonam Self	Rajenarapa	Balarampur				
13	Help Group	Rajendrapur		10	1752.00	-	Agriculture
15	Basanti Self	Rajendrapur	Balarampur				
14	Help Group	(Pakritoli)		12	22000.00	-	Agriculture
14	Saraswati		Balarampur				
	Self Help						Accionituro
15	Group	Dumerkholi		10	12600.00	-	Agriculture
	Chameli Self		Balarampur		2000.00		Agriculture
16	Help Group	Kutku	- 1	10	8000.00	-	Agriculture
	Champa		Balarampur				
	Self Help			40	50000.00	_	Agriculture
17_	Group	Kutku		10	30000.00		
	Genda Self	Tutvihar,	Balarampur	40	12470.00	_	Agriculture
18	Help Group	Kutku		10	12470.00		
	Chandra		Balarampur				
	Mukhi Self	Samri		10	5000.00	-	Agriculture
19	Help Group	(West)		10	3000.00		
	Tetri Devi		Balarampur	1 - 1 - 2			
	Self Help			10	7500.00	-	Agriculture
20	Group	Kutku	Balarampur	10			
	Khusbu Self	Rajendrapur	Balarampui	10	7500.00	-	Agriculture
21	Help Group	(Pakritoli)	Delevembur	10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	Nuri Self		Balarampur	10	9850.00	-	Agriculture
22	Help Group	Saraidih	Balarampur				
	Shabnam		Balarampur				
	Self Help		1	10	11500.00	-	Agriculture
23	Group	Saraidih	Balarampur				
	Suhana Self		Daidiailipui	10	6000.00	-	
24	Help Group	Saraidih	D-laws manuar	10	3553.05		
	Rupa Self		Balarampur		a landiam		
	Self-Help			10	11000.00	-	Agriculture
25	Group	Saraidih	- 1	10	11000.00		
	Sushila Self		Balarampur	10	11050.00	-	Agriculture
26	Help Group	Banjutoli		10	11050.00	<u>'</u>	7,8,
		V.	Balarampur				
	Chameli Self		Dalarampa	10	20000.00) -	Agriculture

	Chameli Self	Bata	Balarampur				
28	Help Group	(Banjutoli)		10	21500.00	-	Agriculture
	Punam Self		Balarampur				
29	Help Group	Balapani		10	19500.00	-	Agriculture
	Gulab Self		Balarampur				
30	Help Group	Kudag		10	15000.00	-	Agriculture

Mines Manager Mines
Samri Bauxite Mines
Hindalco Industries Ltd.



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Test Report

Page 1 of 1

	20000000	
Ambient Air	Ouglib	y-October-2024
PARTITION OF THE PARTY	THE RESERVE A.	I TO CHO WILL AVAM

Report No.:-	ALPL/31102024/2-1	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Bairampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-1
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8,15,22,29,31 October-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Method	1	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L.	Discipline: Chem	vical	Group: Atmo	spheric Pollution	Material or Prod	duct tested : Ambie	nt Air
		01/10/2024	62.9	28.0	10.5	29.2	BLQ (LOQ-0.5)
		04/10/2024	60.4	26.7	9.3	22.7	BLQ (LOQ-0.5)
		08/10/2024	70.3	31.5	14.1	29.2	BLQ (LOQ-0.5)
AAQ-1	Sairaidh	11/10/2024	67.9	31.2	15.2	27.8	BLQ (LOQ-0.5)
AAU-1	Campus	15/10/2024	55.1	19.8	10.9	19.7	BLQ (LOQ-0.5)
		18/10/2024	64.9	31.2	13.0	26.7	BLQ (LOQ-0.5)
		22/10/2024	68.1	29.5	15.2	27.6	BLQ (LOQ-0.5)
		25/10/2024	57.9	20.0	10.8	20.2	BLQ (LOQ-0.5)
	NAAQMS Stand	lards	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)
			K		25 25	65	

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg /m³	Mercury as Hg µg /m²	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
		01/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		04/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Salarith Commun	08/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1		11/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
WWP-1	Sairaidh Campus	15/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2.0)	BLQ (LOQ-0.03)
		25/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
- 13	NAAQMS Standar	ds	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 hested sample(s) and applicable to fested parameters only. • Test report shall not be reproduced except in full without prior written approved of Anacon Lists. • BLQ+ below limit of quantification. • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QPI7.8/05).

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

Verified by

Snehal Raut Technical Manager

Prachya Pillewan Deputy Technical Manager Signatory

Pobja Kathane Technical Manager

--- End of Report---

Authorized Signatory

Chinmay Gaway Deputy Quality Manager



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 https://www.anaconlaboratories.com

Test Report

Ambient Air Quality-October-2024

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Report No.:-	ALPL/31102024/2-2	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-2
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8,15,22,29,31 October-2024
Sampling Procedure	ANtd/7 2/Mon-01	_	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) pg/m ³	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I,	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Amb	ent Air
		01/10/2024	61.9	24.4	12.1	20.6	BLQ (LOQ-0.5)
		04/10/2024	60.7	23,3	12.6	24.5	BLQ (LOQ-0.5)
	100	08/10/2024	67.2	26.2	13.3	27.3	BLQ (LOQ-0.5)
	New Kudag/	11/10/2024	57,5	22.3	12.5	19.1	BLQ (LOQ-0.5)
AAQ-2	Nr. Weigh	15/10/2024	63.9	26.2	13.7	21.4	BLQ (LOQ-0.5)
	Bridge	18/10/2024	62.1	22.7	12.1	21.0	BLQ (LOQ-0.5)
		22/10/2024	62.7	31.9	13.0	21.5	BLQ (LOQ-0.5)
		25/10/2024	57.2	22.1	12.9	20.8	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)
	and the second s				100		

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 /m²
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	
		01/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		04/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	New Kudag/	08/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
****		New Kudag/	11/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)
AAQ-2	Nr. Weigh Bridge	15/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0:03)
		18/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
	NAAQMS Standard	s	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 Pradriya Pillewan Deputy Technical Manager Signatory

Poojs Kathane Technical Manager

---End of Report---

Authorized Signatory

Chinnay Gaway Deputy Quality Manager



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Test Report

Ambient Air Quality-October-2024

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Report No.:-	ALPL/31102024/2-3	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-3
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8,15,22,29,31 October-2024
Sampling Procedure	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/m ³
	Test Method	in and the second	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
Ł.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		01/10/2024	62.9	24.7	15.3	29.1	BLQ (LOQ-0.5)
		04/10/2024	67.3	26.5	14.1	27.2	BLQ (LOQ-0.5)
		08/10/2024	60.2	21.4	11.7	22.0	BLQ (LOQ-0.5)
VOIGIST	Old Kudag/	11/10/2024	63.9	22.2	10.8	20.6	BLQ (LOQ-0.5)
AAQ-3	Mining Area	15/10/2024	68.4	25.0	13.6	21.7	BLQ (LOQ-0.5)
		18/10/2024	62.8	21.5	11.5	21.1	BLQ (LOQ-0.5)
		22/10/2024	59.7	19.9	12.3	21.5	BLQ (LOQ-0.5)
		25/10/2024	53.9	19.3	11.2	18.3	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	
Test Method		ANtr/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04		
		01/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		04/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Old Kudag/ Mining Area		08/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)	
AAQ-3		15/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		18/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		22/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		25/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	2 440 5	

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

Technical Manager

Deputy Technical Manager

Technical Manager

Signatory

--- End of Report---

Authorized Signatory

Chinmay Gar Deduty Quality Manager



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Test Report

Ambient Air Quality-October-2024

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Report No.:-	ALPL/31102024/2-4	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-4
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8.15,22,29,31 October-2024
Sampling Procedure	ANtd/7,2/Mon-01		

	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambie	ent Air
		03/10/2024	63.2	19.1	11.4	18.6	BLQ (LOQ-0.5)
		07/10/2024	61.7	21.9	11.8	21.7	BLQ (LOQ-0.5)
	l	10/10/2024	58.1	19.3	9.3	18.7	BLQ (LOQ-0.5)
225	Samri-Gopatu/	14/10/2024	56.3	18.7	9.4	21.4	BLQ (LOQ-0.5)
AAQ-4	Near Weigh	17/10/2024	57.1	19.3	13.8	21.1	BLQ (LOQ-0.5)
	bridge	21/10/2024	59.1	21.4	11.9	26.3	BLQ (LOQ-0.5)
		24/10/2024	58.3	21.4	13.9	17.2	BLQ (LOQ-0.5)
	l 1	28/10/2024	64.7	26.1	14.7	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 /m²	
Test Method			ANtr/7.2/RES- INORG/04	ANt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		03/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		07/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Samri-Gopatu/		10/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
202202		14/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-4	Near Weigh bridge	17/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03	
		21/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03	
		24/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03	
		28/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03	
	NAAQMS Standard	s	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 at and applicable to tested parameters only. Test report shall not be reproduced except in full without prior written approval of Anacor Labs. BLQ* below limit of quantification. LOQ* limit of quantification. Environmental condition – Satisfactory. Statement of conformity insued 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 Pradnya Pillewan Deputy Technical Manager Signatory

Pooja Kathane Technical Manager

---End of Report---

Authorized Signatory

Ghinmay Garway Deputy Quality Manager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

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Ambient Air Quality-October-2024

Report No.:-	ALPL/31102024/2-5	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-5
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8,15,22,29,31 October-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide pg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
1.	Discipline: Cher	nical	Group: At	mospheric Pollution	Material o	Product tested : A	imbient Air
		03/10/2024	64.2	26.1	13.9	24.6	BLQ (LOQ-0.5)
		07/10/2024	59.3	21.6	9.6	18.3	BLQ (LOQ-0.5)
		10/10/2024	61.8	18.1	9,4	19.3	BLQ (LOQ-0.5)
222	Kutku Village/	14/10/2024	59.3	19.3	9.7	18.4	BLQ (LOQ-0.5)
AAQ-5	Nr. V.T.	17/10/2024	56.1	19.1	11.7	24.6	BLQ (LOQ-0.5)
	Center	21/10/2024	57.6	18.7	9.7	19.1	BLQ (LOQ-0.5)
		24/10/2024	57.3	19.3	12.8	23.9	BLQ (LOQ-0.5)
		28/10/2024	58.1	18.3	11.4	19.2	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	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 /m²	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
		03/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Kutku Village/	10/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		14/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5	Nr. V.T. Center	17/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/10/2024	BLQ (LOQ-0.2)	BLQ (LQQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	s	1.0 (24 hrs)	54441	6.0 (annual)	-

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

Verified by

Technical Manager

Deputy Technical Manager

Signatory

Pooja Kathane

Technical Manager

hinmay Gary ty Quality Madager

Authorized Signatory

---End of Report----



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Test Report

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Ambient Air Quality-October-2024

Report No.:-	ALPL/31102024/2-6	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-6
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8,15,22,29,31 October-2024
Sampling Procedure	ANtd/7.2/Mon-01		140

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m²	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	1S:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemi	cal	Group: At	mospheric Pollution	Material o	Product tested : A	mbient Air
		03/10/2024	56.2	24.9	12.6	27.1	BLQ (LOQ-0.5)
		07/10/2024	67.1	31.7	14.1	28.6	BLQ (LOQ-0.5)
		10/10/2024	54.9	21.6	11.4	23.8	BLQ (LOQ-0.5)
	Dumerkholi/	14/10/2024	61.7	24.9	9.7	17.3	BLQ (LOQ-0.5)
AAQ-6	Nr. Mining Area	17/10/2024	56.2	18.6	8.6	16.9	BLQ (LOQ-0.5)
		21/10/2024	62.8	26.1	11.9	21.8	BLQ (LOQ-0.5)
		24/10/2024	54.7	21.9	14.2	23.6	BLQ (LOQ-0.5)
		28/10/2024	51.9	19.3	9.1	18.7	BLQ (LOQ-0.5)
	NAAQMS Standard	s	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/m ³	Arsenic as As ng /m²	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
		03/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Durnerkholi/	10/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
****		14/10/2024	BLQ (LQQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5	Nr. Mining Area	17/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)
		21/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/10/2024	BLQ (LOQ-0.2)	BLQ (LQQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
-	NAAQMS Standard	s	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 lested sample(s) and applicable to lested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Late. • 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 NAAOMS Standards.

Verified by

Technical Manager

Deputy Technical Manager

Signatory

Technical Manager

Authorized Signatory

Chinmay Garwa Debuty Quality Manager

--- End of Report----



Anacon Laboratories Pvt. Ltd. Nagpur Lab

QFP-34, 35, Food Park, Five Star Industrial Estate. MIDC Butibon, Nagpur, Maharashtra, India - 441 122 L+ 91 8045685558 ■ Email: info@anacon.in https://www.anaconlaboratories.com

Test Report

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Ambient Air Quality-October-2024

Report No.:-	ALPL/31102024/2-7	Report Date:-	31/10/2024
issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-7
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8,15,22,29,31 October-2024
Sampling Procedure	ANtd/7.2/Mon-01	A CONTRACTOR OF THE CONTRACTOR	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-5)	IS:5182 (Part-10)
J.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		02/10/2024	63.8	29.2	14.3	22.6	BLQ (LOQ-0.5)
		05/10/2024	60.5	26.8	11.6	21.7	BLQ (LOQ-0.5)
	Tatijharia	09/10/2024	67.3	34.5	15.2	22.2	BLQ (LOQ-0.5)
AAQ-7	Village/	12/10/2024	62.9	29.2	11.7	23.5	BLQ (LOQ-0.5)
WW.7-1	Nr.Weigh	16/10/2024	60.5	24.9	10.0	21.7	BLQ (LOQ-0.5)
	Bridge	19/10/2024	53.9	19.5	8.8	21.2	BLQ (LOQ-0.5)
		23/10/2024	59.4	22.3	14.9	22.5	BLQ (LOQ-0.5)
		26/10/2024	61.7	21.2	13.3	19.7	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	Mercury as Hg µg /m ³	Arsenic as As ng /m²	Chromium as Cr µg /m²
- 111-	Test Method		ANt:/7/2/RES- INORG/04	ANIt/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		02/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05/10/2024	BLQ (LOQ-0.2)	BLQ (LQQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
4420	Tatijharia Village/	12/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Nr.Weigh Bridge	16/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	is	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, • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05). Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by

Technical Manager

Deputy Technical Manager

Signatory

Pooja-Kathane

Technical Manager

---End of Report----

Chinmay Gan

Authorized Signatory



Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Page 1 of 1

Ambient Air Quality-October-2024

Report No.:-	ALPL/31102024/2-8	Report Date:-	31/10/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/21102024/MON-92-EAAQ-2/64-8
Sampled by	Anacon Representative Mr. Dharmasheel Bhiogade	Sample Inward Date	7,14,21,28,30 Oct-2024
Test Started On:-	7,14,21,28,30 Oct-2024	Test Completed On:-	8,15,22,29,31 October-2024
Sampling Procedure	ANtd/7.2/Mon-01		7

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/m²	Carbon Monoxide (as CO) mg/m²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chem	icat	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		02/10/2024	61.7	27.8	15.2	30.2	BLQ (LOQ-0.5)
		05/10/2024	60,2	24.7	13.7	23.6	BLQ (LOQ-0.5)
		09/10/2024	52.8	19.5	11.5	22.5	BLQ (LOQ-0.5)
Section was the	Tananna International	12/10/2024	57.4	21.4	14.0	27.0	BLQ (LOQ-0.5)
8-QAA	Virhorepat	16/10/2024	59.2	22.2	11.8	23.6	BLQ (LOQ-0.5)
		19/10/2024	54.9	20.3	10.5	22.1	BLQ (LOQ-0.5)
		23/10/2024	57.3	22.0	11.2	22.5	BLQ (LOQ-0.5)
		26/10/2024	59.2	20.7	12.0	19.0	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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	ANI/17.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		02/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		05/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
			09/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
8-DAA	Virhorepat	16/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		19/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		23/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		26/10/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standar	rds	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 approve of Anacon Labs. • BLQ+ below first of quantification, • LOG= 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 Pradrya Pillewan Deputy Technical Manager Signatory

Poola Kathane Technical Manager

0...

Chinmay Garway Deputy Quality/Manager

Authorized Signatory

---End of Report---



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

Ambient Air Quality-November-2024

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Report No.:-	ALPL/02122024/2-1	Report Date:-	02/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-1
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 26 Nov-2024 & 2 Dec-2024
Sampling Procedure	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/m ³	Carbon Monoxide (as CO) mg/m ¹
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
i,	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	duct tested : Ambi	ent Air
		05/11/2024	67.2	21.6	9.3	21.7	BLQ (LOQ-0.5)
		08/11/2024	68.3	26.1	11.3	21.9	BLQ (LOQ-0.5)
		12/11/2024	59.3	19.2	6.8	24.8	BLQ (LOQ-0.5)
0.652067	Sairaidh	15/11/2024	64.8	26.4	13.9	18.2	BLQ (LOQ-0.5)
AAQ-1	Campus	19/11/2024	73.6	32.8	14.7	26.3	BLQ (LOQ-0.5)
		22/11/2024	61.7	18.3	12.6	21.4	BLQ (LOQ-0.5)
		26/11/2024	64.8	23.8	13.4	24.7	BLQ (LOQ-0.5)
		29/11/2024	62.9	23.8	11.6	23.7	BLQ (LOQ-0.5)
_	NAAQMS Stand	ards	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 /m²	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr pg /m³
	Test Mothod		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANti/7.2/RES- INORG/04
		05/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1	Sairaidh Campus	19/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/11/2024	BLQ (LQQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)	1100	6.0 (annual)	

NOTES: Proces see watermark "Original Test Report to confirm the authensisty 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. Description of quantification. Statement of conformity leaved on the basis of decision rule as per quality procedure (QP/7.6/05). Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by

Technical Manager

Deputy Technical Manager

Signatury

Technical Manager

---End of Report----

Authorized Signatory

hinmay Gary Deputy Quality Manager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Page 1 of 1

Ambient Air Quality-November-2024

Report No.:-	ALPL/02122024/2-2	Report Date:-	02/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-2
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 15, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 26 Nov-2024 & 2 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) pg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m ³	Carbon Monoxide (as CO) mg/m²
-	Test Metho	d	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Cher	nical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		05/11/2024	64.7	21,6	9.7	21.6	BLQ (LOQ-0.5)
		08/11/2024	64.1	24.7	11.9	23.6	BLQ (LOQ-0.5)
	normal descriptions	12/11/2024	62.8	23.6	11:4	21.3	BLQ (LOQ-0.5)
	New Kudag/	15/11/2024	57.6	18.2	7.6	17,3	BLQ (LOQ-0.5)
AAQ-2	Nr. Weigh	19/11/2024	64.3	34.6	11.6	24.7	BLQ (LOQ-0.5)
	Bridge	22/11/2024	61.8	31.9	8.2	23.8	BLQ (LOQ-0.5)
		26/11/2024	59.2	27.3	12.9	26.3	BLQ (LOQ-0.5)
		29/11/2024	57.3	21.4	8.3	24.1	BLQ (LOQ-0.5)
	NAAQMS Stand	dards	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 /m ³	Chromium as Cr µg/m²
	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
		05/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	New Kudag/	12/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2	Nr. Weigh Bridge	19/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)	-	6.0 (annual)	29787

NOTES: • Please see watermark "Original Test Report" to confirm the authermoty 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. • SLQ= below limit of quantification. • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/95).

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

Verified by

Snehal Raut Technical Manager Pradriya Pillewan Deputy Technical Manager Signatory

Pogja Kathane Technical Manager

---End of Report---

Authorized Signatory

Etimmay Garvay Deputy Quality/Manager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

Ambient Air Quality-November-2024

Report No.:-	ALPL/02122024/2-3	Report Date:-	02/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/84-3
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 25 Nov-2024 & 2 Dec-2024
Sampling Procedure	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/m²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-	IS:5182 (Part-6)	IS:5182 (Part-10)
l.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		05/11/2024	57.1	24.9	9.2	43.6	BLQ (LOQ-0.5)
		08/11/2024	63.8	28.4	8.4	36.2	BLQ (LOQ-0.5)
		12/11/2024	61.3	31.6	7.6	32.9	BLQ (LOQ-0.5)
0.0200	Old Kudag/	15/11/2024	59.1	27.3	11,7	42.8	BLQ (LOQ-0.5)
AAQ-3	Mining Area	19/11/2024	63.8	29.7	8.3	31.4	BLQ (LOQ-0.5)
		22/11/2024	54.3	24.9	7.6	36.1	BLQ (LOQ-0.5)
		26/11/2024	61.7	31.6	8.4	28.6	BLQ (LOQ-0.5)
		29/11/2024	57.1	26.7	11.6	32.8	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	Mercury as Hg µg /m³	Arsenic as As ng im ³	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	ANti/7.2/RES- INORG/04
		05/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
0.00000	Old Kudag/	15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3	Mining Area	19/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
- 1		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
		26/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
- 1		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	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 be referred to tested sample(s) and applicable to tested parameters only. not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/T,8/05). Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by

Technical Manager

Deputy Technical Manager

Signatory

Technical Manager

---End of Report---

Authorized Signatory

Chimnay Gary eguty Quality Manager



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Test Report

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Ambient Air Quality November 2024

Report No.:-	ALPL/02122024/2-4	Report Date:-	02/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-4
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 26 Nov-2024 & 2 Dec-2024
Sampling Procedure	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/m²	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemi	cal	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Amb	ent Air
- 1		04/11/2024	65.8	25.9	14.1	19.3	BLQ (LOQ-0.5)
		08/11/2024	72.3	25.4	9.8	29.2	BLQ (LOQ-0.5)
	gen eggeenw	11/11/2024	69.7	30.1	10.1	24.8	BLQ (LOQ-0.5)
a new a	Samn-Gopatu/	15/11/2024	74.2	27.3	14.9	26.4	BLQ (LOQ-0.5)
AAQ-4	Near Weigh	18/11/2024	70.9	29.5	12.8	29.1	BLQ (LOQ-0.5)
	bridge	22/11/2024	60.9	28.4	15.2	24.1	BLQ (LOQ-0.5)
		25/11/2024	62.9	26.8	11.3	28.2	BLQ (LOQ-0,5)
		29/11/2024	73.1	29.9	11.3	27.5	BLQ (LOQ-0.5)
	NAAQMS Standa	ards	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)
	[Ballot = 0.00 LV	21.94	STOLENS WILL	255 / TS 2 / TS			

Sr. No.	LOCATION	Date of sampling	Lead as Pb µg/m³	Mercury as Hg µg /m³	Arsenic as As ng /m²	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	
		04/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Samri-Gopatu/	11/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4	Near Weigh bridge	18/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	is	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/7.6/05). Remark: - All Results are within Limit as per NAAQMS Standards.

Verified by

Technical Manager

Deputy Technical Manager

Signatory

Pooja Kathade Technical Manager

--- End of Report---

Authorized Signatory

ettinmay Garylay eputy Quality Mahager



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Test Report

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Ambient Air Quality-November-2024

Report No.:-	ALPL/02122024/2-5	Report Date:-	02/12/2024
Issued to:-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi). Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-5
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 26 Nov-2024 & 2 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m²	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chen	nical	Group: A	tmospheric Pollution	Material o	Product tested : A	imbient Air
		04/11/2024	56.3	23.9	11.6	17.8	BLQ (LOQ-0.5)
		08/11/2024	59.3	21.6	9.6	18.3	BLQ (LOQ-0.5)
		11/11/2024	62.7	19.3	8.7	17.6	BLQ (LOQ-0.5)
11/2/2707	Kutku Village/	15/11/2024	59.3	19.3	9,7	18.4	BLQ (LOQ-0.5)
AAQ-5	Nr. V.T.	18/11/2024	61.8	21.6	11.3	21.9	BLQ (LOQ-0.5)
	Center	22/11/2024	57.2	18.7	9.7	19.1	BLQ (LOQ-0.5)
		25/11/2024	62.8	23.4	11.6	24.7	BLQ (LOQ-0.5)
		29/11/2024	58.1	18.3	11.4	19.2	BLQ (LOQ-0,5)
	NAAQMS Standar	ds	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 /m²	Mercury as Hg µg /m³	Arsenic as As ng /m²	Chromium as Cr µg /m²	
	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	
		04/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
			11/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
0020	Kutku Village/	15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
AAQ-5	Nr. V.T. Center	18/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		22/11/2024	BLQ (LQQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		25/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standa	rds	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 comple(s) and applicable to tested parameters only. Test report shall not be reproduced except in full without prior written approval of Anscon Labs. HEG: below limit of quantification. COQ= 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 Pradriya Pillewan Deputy Technical Manager Signatory

Pools:Kathane Technical Manager

---End of Report---

Authorized Signatory

Chinmay Garway Eputy Quality Manage



Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Page 1 of 1

Ambient Air Quality-November-2024

Report No.:-	ALPL/02122024/2-6	Report Date:-	02/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi. Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-6
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 26 Nov-2024 & 2 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		***

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide pg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemi	cal	Group: Al	mospheric Pollution	Material o	Product tested : A	mbient Air
		04/11/2024	58.3	25.9	13.5	17.9	BLQ (LOQ-0.5)
		08/11/2024	57.9	24.6	12.8	15,4	BLQ (LOQ-0.5)
		11/11/2024	60.3	26.8	9,8	19.8	BLQ (LOQ-0.5)
	Dhandiapat/	15/11/2024	62.8	29.6	9.6	13.2	BLQ (LOQ-0.5)
AAQ-6	Nr. Mining Area	18/11/2024	55.7	30,1	11.2	21.9	BLQ (LOQ-0.5)
		22/11/2024	59.3	27.8	10.8	23.4	BLQ (LOQ-0.5)
		25/11/2024	60.2	29.1	14.8	19.7	BLQ (LOQ-0.5)
		29/11/2024	62.2	27.5	13.6	22.4	BLQ (LOQ-0.5)
	NAAQMS Standard	5	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 ug /m3	Mercury as Hg µg /m³	Arsenic as As ng /m²	Chromium as Cr µg /m²
	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
		04/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		08/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Dhandiapat/	11/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		Dhandiapat/	15/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)
AAQ-6	Nr. Mining Area	18/11/2024	BLQ (LOQ-0.2)	BLQ (LQQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		22/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		29/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	

NOTES: Please ses 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. 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 Pradriya Pillewan Deputy Technical Manager Signatory

Pooja Kathane Technical Manager

---End of Report----

Authorized Signatory

Chinmay Garyay Deputy Quality Manager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

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Ambient Air Quality-November-2024

Report No.:-	ALPL/02122024/2-7	Report Date:-	02/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Viliage,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-7
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 26 Nov-2024 & 2 Dec-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
- 50/		06/11/2024	67.3	32.9	11.6	31.9	BLQ (LOQ-0.5)
		09/11/2024	62.9	28.7	13.7	38.1	BLQ (LOQ-0.5)
	Tatijharia	13/11/2024	57.1	21.8	9.2	26.3	BLQ (LOQ-0.5)
	Village/	16/11/2024	53.6	16.2	11.3	28.7	BLQ (LOQ-0.5)
AAQ-7	Nr.Weigh	20/11/2024	58.9	24.7	9.7	32.6	BLQ (LOQ-0.5)
	Bridge	23/11/2024	63.4	32.8	12.4	38.9	BLQ (LOQ-0.5)
		27/11/2024	57,3	28.3	11.6	27.3	BLQ (LOQ-0.5)
		30/11/2024	61.9	27.6	12.7	31.7	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	Mercury as Hg µg im³	Arsenic as As ng /m²	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	ANIr/7:2/RES- INORG/04
		06/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Tatijharia Village/	13/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Nr.Weigh Bridge	20/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/11/2024	BLQ (LOQ-0,2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)		6.0 (annual)	

NOTES:

Please see watermark "Original Test Report" to confirm the authoriticity 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.

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 NAAGMS Standards.

Verified by

Snehal Raut Technical Manager

Pradnya Pillewah Deputy Technical Manager Poota Kathane

Poota Kathane Technical Manager

Signatory

---End of Report---

Authorized Signatory

Chinmey Garway uty Quality Mayager

(a)



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MIDC Butibon, Nagpur, Maharashtra, India - 441 122

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Test Report

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Ambient Air Quality-November-2024

	11 01 1001000010 0	Report Date:-	02/12/2024
Report No.:- Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.D. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-8
Sampled by	Anacon Representative Mr. Kailash Chahande	Sample Inward Date	11, 18, 25 Nov-2024 & 2 Dec-2024
Test Started On:-	11, 18, 25 Nov-2024 & 2 Dec-2024	Test Completed On:-	12, 19, 26 Nov-2024 & 2 Dec-2024
Sampling Procedure	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/m²	Carbon Monoxide (as CO) mg/m³
	Test Method	B.	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-8)	IS:5182 (Part-10)
1.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Amb	ent Air
7497		06/11/2024	73.9	31.6	12.7	32.4	BLQ (LOQ-0.5)
		09/11/2024	76.2	32.9	13,6	34.7	BLQ (LOQ-0.5)
		13/11/2024	69.3	28,7	11.4	26.9	BLQ (LOQ-0.5)
		16/11/2024	72.8	31.6	9.2	24.6	BLQ (LOQ-0.5)
8-DAA	Virhorepat	20/11/2024	68.2	27.2	12.8	27.3	BLQ (LOQ-0.5)
		23/11/2024	71.6	28.4	13.6	28.1	BLQ (LOQ-0.5)
		27/11/2024	64.9	21.7	9.3	18.7	BLQ (LOQ-0.5)
		30/11/2024	57.3	17.3	8.4	16.9	BLQ (LOQ-0.5)
	NAAQMS Stand	19727W 18545-50	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	Mercury as Hg pg /m²	Arsenic as As ng /m²	Chromium as Cr µg /m²	
40000000	Test Metho	d	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		06/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		09/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	Virhorepat		13/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		16/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
8-PAA		20/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		23/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		27/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		30/11/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Stan	dards	1.0 (24 hrs)		6.0 (annual)	346	

NOTES: • Please see watermars 'Original Test Report' to confirm the authenticity of this report. • Results shall be referred to tested sample(s) and applicable to tested perameters 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/7.8/15).

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

Verified by

Same Paul

Snehal Raut Technical Manager Pradriya Pillewan Deputy Technical Manager Gry

Signatory

Popla Kathane Technical Manager

--- End of Report-

Authorized Signatory

Chimnay Ganyay cuty Quality Manager

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Test Report

Ambient Air Quality-December-2024

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Report No.:-	ALPL/31122024/2-1	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-1
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure:-	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Chemica	al .	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
	- · · ·	03/12/2024	64.9	23.8	11.6	24.3	BLQ (LOQ-0.5)
		06/12/2024	64.1	24.6	12.8	27,3	BLQ (LOQ-0.5)
		10/12/2024	62.9	26.1	14.2	31.6	BLQ (LOQ-0.5)
AAQ-1	Sairaidh Campus	13/12/2024	67.3	21.6	11.4	24.9	BLQ (LOQ-0.5)
MAU-1	Sarraion Campus	17/12/2024	62.9	18.3	8.7	17.3	BLQ (LOQ-0.5)
		20/12/2024	64,7	23.8	12.9	24.6	BLQ (LOQ-0.5)
		24/12/2024	58.1	18.7	9.2	19.4	BLQ (LOQ-0.5)
		27/12/2024	58.6	19.2	9.7	18.3	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	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/m²	Mercury as Hg µg /m³	Arsenic as As	Chromium as Cr µg /m³
	Test Me	thod	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES-INORG/04
		03/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-1	Sairaidh Campus	13/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
mmw:	Samuel Campus	17/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS S	tandards	1.0 (24 hrs)		6.0 (annual)	

NOTES: • Please see watermark "Original Test Report to confirm the authoritizity 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/7.605).

Remark: - All Results are within Limit to our NAACMS Standards.

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

Verified by

Snehal Raut Technical Manager Pradriya Piliewan Deputy Technical Manager (2N

Pooja Kathane Technical Manager

Signatory

---End of Report---

Authorized Signatory

Chinnay Garway Sputy Quality Manager



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Test Report

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Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/2-2	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-2
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure	ANtd/7,2/Mon-01	III	

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/m ²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chem	ical	Group: Atmo	spheric Poliution	Material or Pro	duct tested : Ambi	ent Air
		03/12/2024	67.1	26.3	14.7	27.1	BLQ (LOQ-0.5)
		06/12/2024	64,1	21.8	11.4	24.9	BLQ (LQQ-0.5)
	ar. 969.5	10/12/2024	52.9	17.6	9.1	21.8	BLQ (LOQ-0.5)
AAQ-2	New Kudag/	13/12/2024	58.3	19.3	9.7	18.6	BLQ (LOQ-0.5)
AAU-Z	Nr. Weigh	17/12/2024	67.3	31.6	14.9	32.1	BLQ (LOQ-0.5)
	Bridge	20/12/2024	57.3	24.9	11.6	23.8	BLQ (LOQ-0.5)
		24/12/2024	63.9	28.6	11.7	19.3	BLQ (LOQ-0.5)
		27/12/2024	62.4	23.8	12.4	26.3	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	Arsenic as As ng /m²	Chromium as Cr µg /m²
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	
		03/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	New Kudag/	13/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2	Nr. Weigh Bridge	17/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/12/2024	BLQ (LQQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	27/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standa	irds	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 be reproduced except in full without prior written approval of Anacon Labs. SLQ= below limit of quantification. Environmental condition — Satisfactory. Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

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

Venfied by

Snehal Raut Technical Manager Pradrya Pillewan Deputy Technical Manager Signatory

Pools Kathane Technical Manager

---End of Report---

Authorized Signatory

Chinesey Garwy Legity Quality Marager



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Test Report

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Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/2-3	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-3
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01	Transport Continues Control	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Metho	d	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L.	Discipline: Cher	nical	Group: Almo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		03/12/2024	58.7	26.1	11.4	23.9	BLQ (LOQ-0.5)
		06/12/2024	61.8	28.4	12.9	24.7	BLQ (LOQ-0.5)
		10/12/2024	56.3	19.2	9,3	18.6	BLQ (LOQ-0.5)
****	Old Kudag/	13/12/2024	62.7	24.7	13,6	21.9	BLQ (LOQ-0.5)
E-DAA	Mining Area	17/12/2024	58.2	21.6	11.4	19.2	BLQ (LOQ-0.5)
		20/12/2024	54.6	16.9	9.8	18.6	BLQ (LOQ-0.5)
	1 1	24/12/2024	48.3	16.2	7,6	18.4	BLQ (LOQ-0.5)
		27/12/2024	52.9	19.3	9.1	17.6	BLQ (LOQ-0.5)
	NAAQMS Stand	dards	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 pg /m³	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
	Test Me	thod	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		03/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
E-DAA	Old Kudag/	13/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
00/454	Mining Area	17/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS S	tandards	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/7.8/85).

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

Verified by

Snerhal Raut Technical Manager

Pradnya Pillewan Deputy Technical Manager Signatory

Pooja Kethane Technical Manager

ger Technical Manag
----End of Report----

Authorized Signatory

Chinmay Garway Seputy Quality Magager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

Ambient Air Quality-December-2024

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Report No.:-	ALPL/31122024/2-4	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-4
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I.	Discipline: Chemi	cal	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
1100		02/12/2024	62.8	24.7	13.9	23.7	BLQ (LOQ-0.5)
		05/12/2024	58.3	19.3	11.4	21.6	BLQ (LOQ-0.5)
	TENNESS CONT.	09/12/2024	56.2	23.6	12.8	23.9	BLQ (LOQ-0.5)
***	Samri-Gopatul	12/12/2024	58.3	19.3	9.1	18.4	BLQ (LOQ-0.5)
AAQ-4	Near Weigh	16/12/2024	54.1	21.6	11.3	19.2	BLQ (LOQ-0.5)
	bridge	19/12/2024	57.2	23.8	12.8	21.7	BLQ (LOQ-0.5)
		23/12/2024	64.8	26.7	14.1	23.6	BLQ (LOQ-0.5)
		26/12/2024	64.1	26.1	12.9	18.2	BLQ (LOQ-0.5)
	NAAQMS Standa	ards	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 /m²	Mercury as Hg µg /m³	Arsenic as As ng /m³	Chromium as Cr µg /m³
Test Method		ANtr/7.2/RES- INORG/04	ANti/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7,2/RES- INORG/04	
		02/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
- 1		05/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Samri-Gopatu/ 12/12	09/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		12/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4	Near Weigh bridge	16/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	ds	1.0 (24 hrs)	1444	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. • 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

Technical Manager

Deputy Technical Manager

Signatory

Technical Manager

--- End of Report---

Authorized Signatory

minmay Gary ity Quality Manager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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 MIDC Butibori, Nagpur, Maharashtra, India - 441 122
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Test Report

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Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/2-5	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-5
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) pg/m²	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m ²	(as CO) mg/m²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Chem	ical	Group: At	tmospheric Pollution	Material o	Product tested : A	mbient Air
		02/12/2024	54.8	21.6	12.1	19.2	BLQ (LOQ-0.5)
		05/12/2024	54.7	16.4	8.7	16.3	BLQ (LOQ-0.5)
		09/12/2024	64.8	23.9	14.1	26.3	BLQ (LOQ-0.5)
Lac Wilesconn	Kutku Village/	12/12/2024	54.6	16.9	8.7	16.3	BLQ (LOQ-0.5)
AAQ-5	Nr. V.T. Center	16/12/2024	71.6	28.1	14.3	26.2	BLQ (LOQ-0.5)
		19/12/2024	57.2	19.2	11.4	18.3	BLQ (LOQ-0.5)
		23/12/2024	61.7	24.9	11.7	21.4	BLQ (LOQ-0.5)
		26/12/2024	54.7	16.4	9.1	21.3	BLQ (LOQ-0.5)
	NAAQMS Standard	S	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 /m²	Mercury as Hg µg /m³	Arsenic as As ng/m²	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
		02/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Kutku Village/	12/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5	Nr. V.T. Center	16/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		19/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standards	3	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 Lubs. • BLQ= below 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 Pradnya Pillewah Deputy Technical Manager (Xvy

Pooja Kathane Technical Manager

Signatory

---End of Report----

Authorized Signatory

Etinmay Garway Deputy Quality Manager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Ambient Air Quality-December-2024

Page 1 of 1

Report No.:-	ALPL/31122024/2-6	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village, P.O. Dumarkholi, Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-6
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9.16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01	1	HILL CONTROL OF A PROPERTY OF

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/m²	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)
L	Discipline: Cher	nical	Group: Al	mospheric Pollution	Material o	Product tested : A	mbient Air
		02/12/2024	53.9	24:7	12.6	16.9	BLQ (LOQ-0.5)
		05/12/2024	56.3	28.1	13.8	17.2	BLQ (LOQ-0.5)
	HADOMORDO	09/12/2024	48.1	16.9	9.2	16.1	BLQ (LOQ-0.5)
AAQ-6	Dhandiapat/ Nr. Mining	12/12/2024	57.8	23.6	11.9	21.6	BLQ (LOQ-0.5)
AAQ-0	Area	16/12/2024	61.3	24.7	12.8	23,4	BLQ (LOQ-0.5)
	Nea	19/12/2024	58.2	19.3	9.6	19.2	BLQ (LOQ-0.5)
		23/12/2024	54.7	18.1	8.7	16.9	BLQ (LOQ-0.5)
		26/12/2024	61.4	23.8	11.3	21.6	BLQ (LOQ-0.5)
	NAAQMS Standar	rds	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 /m²	Arsenic as As ng /m²	Chromium as Cr µg/m³
	Test Meth	od	ANIt/7.2/RES- INORG/04	ANII/7 2/RES- INORG/04	ANIt/7.2/RES- INORG/04	ANtr/7.2/RES-INORG/04
		02/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		05/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
			09/12/2024	BLQ (LOQ-0,2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)
AAQ-6	Dhandiapat/	12/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAU-0	Nr. Mining Area	16/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
		19/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
	NAAQMS Sta	ndards	1.0 (24 hrs)		6.0 (annual)	7,704

NOTES: Please see watermark 'Original Test Report to continuit the authenticity of this report a Results shall be referred to tested surgicity) and applicable to tested parameters only. Test report shall not be reproduced except in full without prior written approval of Anacon Labs. BLQ= below limit of quantification. LOQ= limit of quantification. Environmental condition – Satisfactory. Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7,5/05).

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

Verified by

Snehal Raut Technical Manager

Pradrya Pillewan Deputy Technical Manager Signatory

Pooja Kathane Technical Manager

--- End of Report---

Authorized Signatory

Chiamay Garwey



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 MIDC Butibori, Nagpur, Maharashtra, India - 441 122
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Test Report

Ambient Air Quality-December-2024

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Report No.:-	ALPL/31122024/2-7	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village, P.O. Dumarkholi, Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-7
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure	ANtd/7:2/Mon-01		The settlement was a recommendation of the settlement of the settl

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m ³	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)
1,	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		04/12/2024	63.9	28.4	12.7	26.1	BLQ (LOQ-0.5)
		07/12/2024	57.3	24.9	11.6	23.7	BLQ (LOQ-0.5)
	Tatiharia	11/12/2024	61,8	26.1	9.7	18.6	BLQ (LOQ-0.5)
AAQ-7	Village/	14/12/2024	52.7	16.9	8.4	17.2	BLQ (LOQ-0.5)
AAU-1	Nr.Weigh	18/12/2024	56.3	17.1	11.3	21.8	BLQ (LOQ-0.5)
	Bridge	21/12/2024	64.8	24.7	13.8	24.9	BLQ (LOQ-0.5)
		26/12/2024	67.3	28.2	11.9	23.6	BLQ (LOQ-0.5)
		28/12/2024	61.9	21.8	9.4	18.3	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	Chromium as Cr µg /m²
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	
		04/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Tatijharia Village/	14/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAG	Nr.Weigh Bridge	18/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
-	NAAQMS Standards	1	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. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/65).

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

Verified by

Snehal Raut Technical Manager Pradnya Pillewan Deputy Technical Manager Signatory

Poora Kathane Technical Manager

---End of Report---

Authorized Signatory

Churnay Garway Labury Quality Manager



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

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Ambient Air Quality-December-2024

Report No.:-	ALPL/31122024/2-8	Report Date:-	31/12/2024
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village, P.O. Dumarkholi, Tehsil Samri(Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Buffer Zone)	Sample Inward No.	ALPL/23122024/MON-101-EAAQ-2/64-8
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	9,16,23,30 December-2024
Test Started On:-	9,16,23,30 December-2024	Test Completed On:-	10,17,24,31 December-2024
Sampling Procedure	ANtd/7.2/Mon-01	* * * * * * * * * * * * * * * * * * * *	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Method	n	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
l.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		04/12/2024	67.1	27.3	13.6	24.9	BLQ (LOQ-0.5)
		07/12/2024	64.7	26.1	11.9	23.8	BLQ (LOQ-0.5)
		11/12/2024	71.3	31.6	14.1	26.3	BLQ (LOQ-0.5)
	Virhorepat	14/12/2024	68.1	28.4	11.7	24.9	BLQ (LOQ-0.5)
AAQ-8	vimorepai	18/12/2024	64.7	26.3	9.3	21.8	BLQ (LOQ-0.5)
		21/12/2024	58.3	19.7	8.6	18.2	BLQ (LOQ-0.5)
		26/12/2024	62.6	23.8	12.9	24.7	BLQ (LOQ-0.5)
		28/12/2024	57.1	21.3	11.4	23.9	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 pg /m ³	Mercury as Hg µg /m²	Arsenic as As ng /m ³	Chromium as Cr µg /m³	
	Test Method		ANti/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	
		04/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		07/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
			11/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
A A C . S			14/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
8-DAA	Virhorepat	18/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		21/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		26/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
		28/12/2024	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standa	rds	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 applicative 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. • Environmental condition — Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QPI7.8/05).

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

Verified by

Snehal Raut Technical Manager Pradriya Pillewan Deputy Technical Manager David Karly

Signatory

Technical Manager

--- End of Report----

Authorized Signatory

Elifimay Gaptay eputy Quality Manager



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Test Report

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Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/2-1	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Durnarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/27012025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	10,17,24,31-Jan-2025
Test Started On:-	10,17,24,31-Jan-2025	Test Completed On:-	11,18.25,31-Jan-2025
Sampling Procedure:-	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ²	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-5)	IS 5182 (Part-10)
T.	Discipline: Chemic	al	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		06/01/2025	64.8	25.7	10.2	17.1	BLQ (LOQ-0.5)
		09/01/2025	55.2	23.6	8.5	21.6	BLQ (LOQ-0.5)
		13/01/2025	59.6	26.8	11.2	24.8	BLQ (LOQ-0.5)
	Terration to the control of the	16/01/2025	67.4	29.7	9.5	21.2	BLQ (LOQ-0.5)
AAQ-1	Salraidh Campus	20/01/2025	62.2	24.4	8.2	17.9	BLQ (LOQ-0.5)
		23/01/2025	68.2	25.2	9.3	18.2	BLQ (LOQ-0.5)
		27/01/2025	76.8	29.1	10.5	16.9	BLQ (LOQ-0.5)
		30/01/2025	63.6	23.8	9.9	20.2	BLQ (LOQ-0.5)
	NAAQMS Standa	rds	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 /m ²	Chromium as Cr µg /m³
	Test Me	thod	ANtr/7 2/RES- INORG/04	ANtr/7:2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7:2/RES-INORG/04
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLO (LOQ-0.03)
		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
		13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Culmide Consults	16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
AAQ-1	Sairaidh Campus L	20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2:0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2 0)	BLQ (LQQ-0.03)
	NAAQMS S	tandards	1.0 (24 hrs)	arra	6.0 (annual)	
124411444		And the second s	and the second s	Territoria de la companya del la companya de la com	A CONTRACTOR OF THE PARTY OF TH	And the second second second second second

NOTES: ● Preme see excernant. Ongree Test Report to confirm the authorizing of this report. ■ Results shall be referred to lested sample(s) and applicable to lested parameters only. ● Test report shall not be reproduced except in the without prior written approve of Anacon Labe. ● SLQ= below limit of quantification . LOQ= limit of quantification. ● Environmental condition — Satisfactory. ● Statement of conformity issued on the busis of decision rule as per quality procedure (QP/7.8/86).

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 Doedly Quality Manager





Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

Page 1 of 1

Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/2-2	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/27012025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	10,17,24,31-Jan-2025
Test Started On:-	10,17,24,31-Jan-2025	Test Completed On:-	11.18,25,31-Jan-2025
Sampling Procedure:-	ANtd/7.2/Mon-01	77	M. 1 (200 to 100

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m²
	Test Method	Ĭ	IS 5182 (Part 23)	USEPA-40(Part 50)	IS;5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
I	Discipline: Chem	The state of the s	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		06/01/2025	71.1	30.5	9.2	21.6	BLQ (LOQ-0.5)
		09/01/2025	60.8	25.6	11.2	19.7	BLQ (LOQ-0.5)
	New Kudag/	13/01/2025	67.3	34,3	12.3	22.5	BLQ (LOQ-8.5)
AAQ-2	Nr. Weigh	16/01/2025	73.4	26.3	10.8	21.1	BLQ (LOQ-0.5)
COM:	Bridge	20/01/2025	58.2	22.6	10.1	20.8	BLQ (LOQ-0.5)
	chage	23/01/2025	53.4	26.2	14.7	22.4	BLQ (LOQ-0.5)
		27/01/2025	70.2	28.7	9.8	19.5	BLQ (LOQ-0.5)
		30/01/2025	61.5	23.2	10.8	18.6	BLQ (LOQ-0.5)
-	NAAQMS Stand	ards	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 /m²	Arsenic as As	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
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.93)
AAQ-2	New Kudag/	16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
C761 (44) (4)	Nr. Weigh Bridge	20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		30/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)
	NAAQMS Standa	rds	1.0 (24 hrs)	****	6.0 (annual)	

NOTES: • Please see estamps: 'Original Test Report' to confirm the authoritiony of this report. • Results small be referred to remed samples) and approache to tested parameters only. • Test report shall not be reproduced except in full written prior written approval of Anacon Labs. • BLQ= below first of quantification. • Environmental condition - Setisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/06).

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 noty Quality Manager





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Test Report

Ambient Air Quality-January-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-3	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/27012025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	10,17,24,31-Jan-2025
Test Started On:-	10,17,24,31-Jan-2025	Test Completed On:-	11,18.25,31-Jan-2025
Sampling Procedure:-	ANtd/7:2/Morr-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Metho	d	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Cher	mical	Group: Almo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		06/01/2025	62.6	28.5	9.5	17.7	BLQ (LOQ-0.5)
		09/01/2025	67.1	27.5	10.1	16.8	BLQ (LOQ-0.5)
		13/01/2025	61.4	24.8	8.8	18.3	BLQ (LOQ-0.5)
AAQ-3	Old Kudag/	16/01/2025	74.2	29.4	10.0	15.5	BLQ (LOQ-0.5)
AAQ-5	Mining Area	20/01/2025	69.5	33.2	8.5	20.5	BLQ (LQQ-0.5)
		23/01/2025	56.7	28.2	10.8	17.3	BLQ (LOQ-0.5)
		27/01/2025	63.5	27.4	9.7	19.5	BLQ (LOQ-0.5)
		30/01/2025	59.1	32.1	8.2	21.7	BLQ (LOQ-0.5)
	NAAQMS Stand	dards	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/m²	Mercury as Hg pg m²	Arsenic as As ng /m1	Chromium as Cr µg /m³
	Test Me	ethod	ANU/7 2/RES- INORG/04	ANI/7 2/RES- INORG/04	ANti/7.2/RES- INORG/04	ANti/7.2/RES- INORG/04
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/01/2025	BLO (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3	Old Kudag/	16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
nnu o	Mining Area	20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLO (LOQ-0.03)
30/01/2025		30/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS S	tandards	1.0 (24 hrs)		6.0 (annual)	
	111240000000000000000000000000000000000	in majora	7272, 30,323 (111), 8		PARTIES TO THE PARTIES OF THE PARTIE	

NOTES: • Please see watermark. Original Test Report to confirm the authenticity of this report. • Healits 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 Angebra Labe. • BLQ= below 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 NAAOMS Standards.

Verified by

Snehal Raut Technical Manager

Sr. Technical Assistant

--- End of Report----

Authorized Signatory

Chingoay Garway Ouality Manager





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Test Report

Ambient Air Quality-January-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-4	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Durnarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPI./27012025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	10,17,24,31-Jan-2025
Test Started On:-	10,17,24,31-Jan-2025	Test Completed On:-	11.18.25,31-jan-2025
Sampling Procedure:-	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS 5182 (Part-10)
1	Discipline: Chemi	cal	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		06/01/2025	60.5	27.9	9.1	23.2	BLQ (LOQ-0.5)
		09/01/2025	64.7	29.2	9.7	22.8	BLQ (LOQ-0.5)
	Samri-Gopatu/	13/01/2025	68.3	29.4	10.4	21.4	BLQ (LOQ-0.5)
AAQ-4	Near Weigh	16/01/2025	59.6	27.4	9.9	21.3	BLQ (LOQ-0.5)
	bodge	20/01/2025	54.7	25.2	9.2	19.8	BLQ (LOQ-0.5)
	age	23/01/2025	53.4	19.8	8.2	15.7	BLQ (LOQ-0.5)
		27/01/2025	59.6	22.0	9.9	17,1	BLQ (LOQ-0.5)
		30/01/2025	54.5	18.5	8.4	15.6	BLQ (LOQ-0.5)
	NAAQMS Standa	irds	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	Chromium as Cr µg/m³
	Test Method		ANW/7.2/RES- INORG/04	ANtri7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANUI7 2/RES- INORG/04
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2.0)	BLQ (LOQ-0.03)
AAQ-4	Samri-Gopatu/	16/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Near Weigh bridge	20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LQQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2.0)	BLQ (LOQ-0.03)
30/01/2025		BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)	
	NAAQMS Standard	is	1.0 (24 hrs)	****	6.0 (annual)	2000

NOTES: • Please see watermark: Original Test Report to confirm the authenticity of this report. • Results shall be referred to tested sampless and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Areacon Latis. • BLQ= below 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 NAAOMS Standards

Venfied by

Snehal Raut Technical Manager

Dhanashree Hiwanj Sr. Technical Assistant

---End of Report----

Authorized Signatory

Chinmay Garway Suty Quality Menager





Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

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Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/2-5	Report Date:-	15/04/2025	
M/s Hindalco Industries Limited		Address:-	Kudag Village P.O. Dumarkholi. Tehsil Samri (Kusmi), Disrict Balrampur (C.G)	
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/27012025/MON-241-EAAQ-2/64	
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	10,17,24,31-Jan-2025	
Test Started On:-	10.17.24,31-Jan-2025	Test Completed On:-	11,18,25,31-Jan-2025	
Sampling Procedure:-	ANtd/7.2/Mon-01			

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m²	Carbon Monoxide (as CO) mg/m²
Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)	
Discipline: Chemical			Group: Al	mospheric Pollution	Material or Product tested : Ambient Air		
	Kutku Village/ Nr. V.T. Center	06/01/2025	60.8	22.2	9.2	19.6	BLQ (LOQ-0.5)
		09/01/2025	61.7	26.6	10.6	20.7	BLQ (LOQ-0.5)
AAQ-5		13/01/2025	54.5	21.5	8.9	15.8	BLQ (LOQ-0.5)
		16/01/2025	58.2	22.7	9.1	16.8	BLQ (LOQ-0.5)
mas		20/01/2025	62.5	26.5	8.4	18.7	BLQ (LOQ-0.5)
		23/01/2025	53.3	21.3	8.7	16.6	BLQ (LOQ-0.5)
		27/01/2025	57.2	20.1	9.1	18.8	BLQ (LOQ-0.5)
		30/01/2025	52.6	19.8	8.1	15.7	BLQ (LOQ-0.5)
	NAAQM5 Standard		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/m²	Mercury as Hg µg /m ²	Arsenic as As ng /m³	Chromium as Cr µg/m³
Test Method			ANtr/7.2/RES- INORG/04	ANU/7 2/RES- INORG/04	ANtr/7:2/RES- INORG/04	ANti/7 2/RES- INORG/04
	Kutku Village/ Nr. V.T. Center	06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5		09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		15/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)
		20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
		30/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
1	NAAQMS Standard	2/5 = 2	1.0 (24 hrs)	****	6.0 (annual)	***
WEEK A DOLLAR	Total Committee					

NOTES: Please are votermon. Original Test Report to confirm the authenticity of this report. Results shall be referred to tested sample is; and applicable to tested parameters only. Test report shall not be reproduced except in full without prior written approval of Anadon 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

Liurniay Garw

ity Quality Marlager

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Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a lix of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant enrices only in the constant of the constant enrices on the constant enrices of the constant enrices on the constant enrices on the constant enrices of the constant enrices on the constant enrices of the constant enrices on the constant enric



Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

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Ambient Air Quality-January-2025

ssued to :-		Report Date:-	15/04/2025
issued to ;-	M/s Hindalco Industries Limited	Address:- Kudag Village,P.O. Dumarkhol Tehsil Samri (Kusmi), District: Baltrampur (C.G)	
Type of Work:-	(Core Zone)	Sample Inward No.	ALPL/27012025/MON-241-EAAQ-2/84
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	10.17.24.31-Jan-2025
Test Started On:-	10.17.24.31-Jan-2025	Test Completed On:-	11.18.25.31-Jan-2025
Sampling Procedure:	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/m²	Oxides of Nitrogen µg/m ³	Carbon Monoxide (as CO) mg/m²
Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)	
t. Discipline: Chemical			Group; At	Product tested : A	mbient Air		
	Dhandiapat/ Nr. Mining Area	06/01/2025	54.2	21.3	10.6	18.9	BLQ (LOQ-0.5)
AAQ-6		09/01/2025	58.8	25.1	11.6	21.3	BLQ (LOQ-0.5)
		13/01/2025	53.6	22.3	7.9	15.9	BLQ (LOQ-0.5)
		16/01/2025	52.1	20.6	8.4	14.6	BLQ (LOQ-0.5)
AAU-0		20/01/2025	50.4	19.0	7.4	12.4	BLQ (LOQ-0.5)
		23/01/2025	53.6	25,3	8.6	15.0	BLQ (LOQ-0.5)
		27/01/2025	65.6	26.8	9.4	16.9	BLQ (LOQ-0.5)
		30/01/2025	61.7	25.2	10.2	19.6	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	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 /m²	Chromium as Cr µg /m³
Test Method			ANti/7.2/RES- INORG/04	ANti/7:2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANII/7.2/RES-INORG/04
		06/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LQQ-0.03)
AAQ-6	Dhandiapat/ Nr. Mining Area	09/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		13/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
		16/01/2025	BLQ (LCQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		23/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
		30/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Sta	ndards	1.0 (24 hrs)	****	6.0 (annual)	***

NOTES: • Flease 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 Aniscon Labs. • BLQ+ below limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/03).

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

Verified by

Snehal Raut Technical Manager

Dhanashroe Hiwanj Sr. Technical Assistant

--- End of Report----

Authorized Signatory

Chinmay Sorvey eguty Quality Manager





Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Page 1 of 1

Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/2-7	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/27012025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8.15.22.29-Jan-2025
Test Started On:-	8.15.22.29-Jan-2025	Test Completed On:-	10.16.23.31-Jan-2025
Sampling Procedure:-	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ²	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m ²	Carbon Monoxide (as CO) mg/m²
	Test Method	i	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
J	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		03/01/2025	54.1	19.8	5.9	13.5	BLQ (LOQ-0.5)
		07/01/2025	43.8	16.5	6.6	11.5	BLQ (LOQ-0.5)
40	Tatijhana	10/01/2025	40.2	18.7	5.6	15.2	BLQ (LOQ-0.5)
AAQ-7	Village/	14/01/2025	50.4	21.4	7.1	13.0	BLQ (LOQ-0.5)
nnu.	Nr.Weigh	17/01/2025	56.1	19.8	7.5	13.5	BLQ (LOQ-0.5)
	Bridge	21/01/2025	51.7	20.6	7.2	12.3	BLQ (LOQ-0.5)
		24/01/2025	46.6	21.7	5.9	15.6	BLQ (LOQ-0.5)
		28/01/2025	56.4	21.9	7.7	17.9	BLQ (LOO-0.5)
	NAAQMS Stand	ards	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 /m²	Mercury as Hg µg /m³	Arsenic as As ng im ²	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	ANtri7 2/RES- INORG/04
		03/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
		07/01/2025	BLQ (LQQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Tatijhana Village/	14/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)
AAU.	Nr Weigh Bridge	17/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		26/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
(4)	NAAQMS Standards		1.0 (24 hrs)	-517	6.0 (annual)	****

NOTES: Please tell waterman: "Original Test Report to confirm the authoriticity of this report. Pleasants shall be referred to tested sample(ii) and applicable to tested parameters only. Test report shall not be reproduced except in full without prior written approval of Anacon Labs. BLC= below limit of quantification. In Q= limit of quantification. Environmental condition - Satisfactory. Statement of conformity issued on the basis of decision rule as per quality procedure (QP(7.8/93).

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

Verified by

Snehal Raut Technical Manager

Dhanashree Hwani Sr. Technical Assistant

--- End of Report--

Authorized Signatory

Chingary Garway agury Quality Marager





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Test Report

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Ambient Air Quality-January-2025

Report No.:-	ALPL/15042025/2-8	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village P.O. Dumarkholi, Tehsil Samri (Kusmi). Disrict Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/27012025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,15,22,29-Jan-2025
Test Started On:-	8.15,22,29-Jan-2025	Test Completed On:-	10,16,23,31-Jan-2025
Sampling Procedure:-	ANtd/7:2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
	Test Method	1	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-	IS:5182 (Part-6)	IS:5182 (Part-10)
l.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		03/01/2025	45.6	17.7	6.3	14.8	BLQ (LOQ-0.5)
240		07/01/2025	50.4	21.0	5.3	16.0	BLQ (LOQ-0.5)
-		10/01/2025	48.5	20.2	6.2	13.4	BLQ (LOQ-0.5)
AAQ-8	Virhorepat	14/01/2025	44.6	23.7	6.9	12.6	BLQ (LOQ-0.5)
AAQ-0	willing appay	17/01/2025	48.8	19.7	6.5	14.9	BLQ (LOQ-0.5)
		21/01/2025	41.9	17.3	6.0	16.0	BLQ (LOQ-0.5)
		24/01/2025	45.6	22.8	6.5	12.9	BLQ (LOQ-0.5)
		28/01/2025	51.0	25.5	6.9	12.4	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m ¹	Chromium as Cr µg/m³
	Test Method		ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANti/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04
		03/01/2025	BLO (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Virhorepat	10/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	005) BLQ (LOQ-2.0) BLQ	BLQ (LOQ-0.03)
8-DAA		14/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
0040	Aminothia	17/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	19	28/01/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	100

NOTES: • Please see substraints: "Original Test Report" to confirm the authenticity of this report. • Results shall be referred to tested sampless) and applicable to tested parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Lies. • BLQ= below 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

Ohanashree Hiwani Sr. Technical Assistant

---End of Report----

Authorized Signatory

hippery Garwi

fy Quality Manager





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Test Report

Ambient Air Quality-February-2025

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Report No,:-	ALPL/15042025/2-9	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	07,14,21,28-Feb-2025
Test Started On:-	07,14,21,28-Feb-2025	Test Completed On:-	08.15,22-Feb-2025, 02-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01	, secondary second	The second of the second second

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
	Test Method	Ę	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
3.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	erit Air
		03/02/2025	52.7	24.7	6.5	15.5	BLQ (LOQ-0.5)
		06/02/2025	45.1	20.9	5.4	13.2	BLQ (LOQ-0.5)
		10/02/2025	44.6	19.8	7.5	14.5	BLQ (LOQ-0.5)
AAQ-1	Sairaidh	13/02/2025	51.2	22.0	8.4	16.5	BLQ (LOQ-0.5)
P. O. S.	Campus	17/02/2025	47.3	18.1	7.4	15.4	BLQ (LOQ-0.5)
		20/02/2025	517	18.4	6.9	15.1	BLQ (LOQ-0.5)
		24/02/2025 55.3 21.B	21.8	93	16.2	BLQ (LOQ-0.5)	
		27/02/2025	48.4	17.8	6.9	14.0	BLQ (LOQ-0.5)
	NAAQMS Standa	ards	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

	Date of sampling	µg/m³	Mercury as Hg µg/m ¹	Arsenic as As ng /m²	Chromium as Cr µg /m²
Test Method			ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04
	03/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	06/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
Catality Comme	10/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	13/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
Samura Campus	17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	20/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
2	27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Sairaidh Campus	Sairaidh Campus 17/02/2025 20/02/2025 24/02/2025 27/02/2025	Sairaidh Campus 17/02/2025 BLQ (LOQ-0.2) 20/02/2025 BLQ (LOQ-0.2) 24/02/2025 BLQ (LOQ-0.2)	Sairaidh Campus 13/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) 20/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) 24/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) 27/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-0.0005)	Sairaidh Campus 13/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) 20/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) 20/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) 24/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0) 27/02/2025 BLQ (LOQ-0.2) BLQ (LOQ-0.0005) BLQ (LOQ-2.0)

NOTES: • Please see witomark "Original Test Risport" to confirm the authenticity of this report. • Results shall be referred to tested sampless and approach to tested parameters only. • Test report shall not be represented except in full willow prior written approach of Anadom Labs. • BLO= below limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.0/05).

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

Verified by

Snehal Raut Technical Manager

Dhanashree Hiwanj Sr. Technical Assistant

---End of Report----

Authorized Signatory

Chinmay Gamey Eputy Quality Manager





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Test Report

Ambient Air Quality-February-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-10	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	07_14,21_28-Feb-2025
Test Started On:-	07,14,21,28-Feb-2025	Test Completed On:-	08.15,22-Feb-2025, 02-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		Who a management with the same of

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m [‡]	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m ¹	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Metho	d	IS 5182 (Part 23)	USEPA-40(Part 50)	IS-5182(Part- 2)	IS:5182 (Part-6)	IS 5182 (Part-10)
J.C	Discipline: Cher	nical	Group: Atmo:	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		03/02/2025	64.8	25:2	9.3	18-6	BLQ (LOQ-0.5)
		06/02/2025	57.5	22.9	8.4	14.3	BLQ (LOQ-0.5)
	New Kudag/	10/02/2025	60.3	24.4	8.7	15.4	BLQ (LOQ-0.5)
AAQ-2	Nr. Weigh	13/02/2025	66.2	27.5	9.2	19.1	BLQ (LOQ-0.5)
now.	Bridge	17/02/2025	59.6	23 1	8.2	16.0	BLQ (LOQ-0.5)
	U Sugar	20/02/2025	65.4	25.0	8.8	15.6	BLQ (LOQ-0.5)
		24/02/2025	62.2	22.7	9.3	17.2	BLQ (LOQ-0.5)
		27/02/2025	66.6	29.8	10,4	16.3	BLQ (LOQ-0.5)
	NAAQMS Stand	dards	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 /m²	Arsenic as As ng /m ³	Chromium as Cr µg /m²
Test Method		ANtr/7 2/RES- INORG/04	ANti/7 2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	
		03/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
		06/02/2025	BLO (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	New Kudag/	10/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2		13/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
nnu-x	Nr. Weigh Bridge	17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0 03)
	*	20/02/2025	BLO (I.OQ-0.2)	BLO (LOO-0 0005)	BLO (LOO-20)	BLQ (LOQ-0.03)
		24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	-

NOTES: • Please see waterman "Original Test Report to confirm the authentity of this report • Results shall be referred to tested samples; and applicable to tested parameters proy • Test report shall not be reproduced except in full without prior written approprial of Anacon Libbs. • BLQ= below limit of quantification . • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/06).

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

Verified by

Shehai Raut Technical Manager

Dhanashree Hiwanj Sr. Technical Assistant g

Chinnay Garbay Deputy Quality Manager

Authorized Signatory



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a fut of hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour



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Test Report

Ambient Air Quality-February-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-11	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsii Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/25022025/MON-241-EAAQ-2/54
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	07,14,21,28-Feb-2025
Test Started On:-	07,14,21,28-Feb-2025	Test Completed On:-	08,15,22-Feb-2025, 02-Mar-2025
Sampling Procedure	ANtd/7.2/Mort-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³
	Test Method	Ŋ.	IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Chem	ical	Group: Atmo-	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		03/02/2025	57.9	22.5	9.4	15.6	BLQ (LOQ-0.5)
		06/02/2025	59.2	24.6	9.2	16.2	BLQ (LOQ-0.5)
		10/02/2025	63.4	28.4	8.5	18.5	BLQ (LOQ-0.5)
AAQ-3	Old Kudagi	13/02/2025	56.3	24.5	8.6	16.4	BLQ (LOQ-0.5)
71.14	Mining Area	17/02/2025	54.9	22.9	7.9	15.5	BLQ (LOQ-0.5)
		20/02/2025	63.7	26.7	8.9	19.4	BLQ (LOQ-0.5)
		24/02/2025	52.4	20.1	8.7	14.7	BLQ (LOQ-0.5)
		27/02/2025	47.8	22.1	8.4	13.0	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	100 (24 hrs)	60 (24 hrs)	80 (24 hrs)	80 (24 hrs)	2.0 (8 hrs)

LOCATION	Date of sampling	Lead as Pb µg /m ³	Mercury as Hg	Arsenic as As	Chromium as Cr µg/m²
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
	03/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	06/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2.0)	BLQ (LOQ-0.03)
	10/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
Old Kudagi	13/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
Mining Alex	17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	20/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	
	Old Kudag/	Test Method 03/02/2025 06/02/2025 10/02/2025 10/02/2025 Minning Area 17/02/2025 20/02/2025	Test Method 03/02/2025 BLQ (LOQ-0.2) Oid Kilding/ 13/02/2025 BLQ (LOQ-0.2) Mining Alex 17/02/2025 BLQ (LOQ-0.2) 20/02/2025 BLQ (LOQ-0.2) 21/02/2025 BLQ (LOQ-0.2)	Test Method Date of sampling pg /m² pg /m² ANtr/7 2/RES- INORG/04 INORG/04	Test Method Date of sampling pg /m³ pg /m³ ng /m²

NOTES: • Please see watermark "Ongone Test Report" to confirm the authention of this report. • Results shall be referred to tested sample(s) and applicable to leded parameters only. • Test report shall not be reproduced except in full without prior written approval of Anacon Labs. • BLQ= below limit of quantification . • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.6/05).

Remark: - All Results are within Limit as per NAAOMS Standards. Verified by

> Snehal Raut Technical Manager

Dhanashree Hiwani

Sr. Technical Assistant

birmay Garw Duty Quality Manager

Authorized Signatory



Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in a color hard work in making sure that you get a seamless experience at every stage of your interaction with us. In our constant endeavour

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Test Report

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Ambient Air Quality-February-2025

Report No.:-	ALPL/15042025/2-12	Report Date:-	15/04/2025		
issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Bairampur (C.G)		
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/26022025/MON-241-EAAQ-2/64		
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	07.14.21.28-Feb-2025		
Test Started On:-	07,14,21,28-Feb-2025	Test Completed On:-	Test Completed On:- 08,15,22-Feb-2025, 02-Mar-2025		
Sampling Procedure	ANtd/7.2/Mon-01				

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m³	
	Test Meth	od	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-	(S:5182 (Part-6)	IS:5182 (Part-10)	
L	Discipline: Che	emical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air	
		03/02/2025	50.2	21.4	9.7	14,1	BLQ (LOQ-0.5)	
		06/02/2025	53.6	25.5	9.6	15.0	BLQ (LOQ-0.5)	
	Samri-Gopatu	10/02/2025	58.0	23.7	9.5	14.7	BLQ (LOQ-0.5)	
AAQ-4	Near Weigh		13/02/2025	54.4	22.3	8.7	14.1	BLQ (LOQ-0.5)
100	bridge	17/02/2025	49.6	21.8	9.3	15.6	BLQ (LOQ-0.5)	
	maga	20/02/2025	58.2	24.2	9.2	16.2	BLQ (LOQ-0.5)	
		24/02/2025	65.0	25.8	10.6	18.3	BLQ (LOQ-0.5)	
		27/02/2025	61.5	23.6	12.3	17.6	BLQ (LOQ-0.5)	
	NAAQMS Star	ndards	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 /m ¹	Arsenic as As ng /m ³	Chromium as Cr µg /m ³
Test Method		ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtri7 2/RES- INORG/04	
		03/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
1		06/02/2025	8LQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
1		10/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
2222	Samui Gopatul	13/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)
AAQ-4	Mary Mary harden	17/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2.0)	BLQ (LOQ-0.03)
1		20/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0 03)
	27/02/2025	27/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	ds	1.0 (24 hrs)		6.0 (annual)	

NOTES: Please site watermark: "Original Test Report" to confirm the authoriticity of this report. Results shall be referred to tested sample(s) and applicable to tested parameters only. Test report shall null be reproduced except in full without prior written approved of Anacon Labs. • BLQ= below limit of quantification. • Environmental condition – Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7 MOS). Remark: - All Results are within Limit as per NAAOMS Standards

Verified by

Technical Manager

Dhanashree Hiwani Sr. Technical Assistant

---End of Report----

Authorized Signatory

humay Garwa

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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 size that you gut a seemless experience of every clare of your interaction with you in our constant and every



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Test Report

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Ambient Air Quality-February-2025

Report No.:-	ALPL/15042025/2-13	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village P.O. Dumarkholi, Tehail Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/54-1
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,15,22,28-Feb-2025
Test Started On:-	8,15,22,28-Feb-2025	Test Completed On:-	9,16,23-Feb-2025, 02-Mar-2025
Sampling Procedure	ANtd/7:2/Mon-01	-	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	(S:5182(Part- 2)	IS:5182 (Part-5)	IS 5182 (Part-10)
He:	Discipline: Cher	mical:	Group; At	mospheric Pollution	Material or	Product tested : A	mbient Air
		04/02/2025	58.9	23.0	8.1	19.4	BLQ (LOQ-0.5)
		07/02/2025	62.3	24.5	11.2	18.1	BLQ (LOQ-0.5)
	Kutku Village/	11/02/2025	57.5	22.3	9.3	23.5	BLQ (LOQ-0.5)
AAQ-5	Nr. V.T	14/02/2025	55.8	21.8	7.0	20.6	BLQ (LOQ-0.5)
Ana S	Center	18/02/2025	59.2	24.2	8.3	22.8	BLQ (LOQ-0.5)
	55000	21/02/2025	64.4	27.8	10.5	19.6	BLQ (LOQ-0.5)
g .		25/02/2025	56.6	23.5	9.8	20.1	BLQ (LOQ-0.5)
		28/02/2025	61.8	25.2	11.7	19.2	BLQ (LOQ-0,5)
	NAAQMS Standar	ds	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 im³	Mercury as Hg µg /m ³	Arsenic as As	Chromium as Cr µg /m²
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	
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5	Kutku Vilhoel	14/02/2025	BLO (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2.0)	BLQ (LOQ-0.03)
nnus	Nr. V.T. Center	18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/02/2025	BLO (LOQ-0.2)	BLQ (LOQ-0 0005)	BLO (LOQ-2 0)	BLQ (LOQ-0 03)
		26/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standa	rds	1.0 (24 hrs)		6.0 (annual)	

NOTES: Please see watermark 'Original first 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 Lists. BLQ= below limit of quantification. LOQ= limit of quantification. Environmental condition - Setisfactory. 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





Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Ambient Air Quality-February-2025

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Report No.:-	ALPL/15042025/2-14	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-1
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,15,22,28-Feb-2025
lest Started On:-	6.15.22.28-Feb-2025	Test Completed On:-	9.15.23-Feb-2025, 02-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		production recover (with Mina Serve)

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m³	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m³	(as CO) mg/m
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-	IS:5182 (Part-6)	IS:5182 (Part-10)
1	Discipline: Chem	ical	Group: At	mospheric Pollution	Material of	Product tested : A	mbient Air
		04/02/2025	67.5	26.5	10.2	17.7	BLQ (LOQ-0.5)
		07/02/2025	63.4	24.4	9.6	15.4	BLQ (LOQ-0.5)
		11/02/2025	57.9	22.7	8.9	14.9	BLQ (LOQ-0.5)
AAQ-6	Dhandiapat/	14/02/2025	52.6	19.4	7.5	16.7	8LQ (LOQ-0.5)
	Nr. Mining Area	18/02/2025	58.2	20.8	8.3	16.5	BLQ (LOQ-0.5)
		21/02/2025	65.4	23.2	9.2	17.8	BLQ (LOQ-0.5)
		25/02/2025	57.8	21.5	5.9	16.7	BLQ (LOQ-0.5)
		28/02/2025	62.3	24:3	7.3	19.3	BLQ (LOQ-0.5)
	NAAQMS Standard	5	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 /m ³	Arsenic as As	Chromium as Cr µg /m²
Test Method			ANI//7.2/RES- INORG/04	ANItri7 2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANtr/7 2/RES INORG/04
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Dhandiepat/	11/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-6		14/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
rinta.s.	Nr. Mining Area	18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2.0)	BLQ (LOQ-0.03)
		25/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)	-	5.0 (annual)	-

NOTES: • Please see seasonark. Organic Test Report to confirm the authoritiony of this report. • Results shall be inferred 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 (secued 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

Shehai Raut Technical Manager

Dhanashree Hiwani Sr. Technical Assistant

---End of Report---

Authorized Signatory

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Test Report

Ambient Air Quality-February-2025

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Report No.:-	ALPL/15042025/2-15	Report Date:-	15/04/2025
Issued to ;-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-1
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,15,22,28-Feb-2025
Test Started On:-	8,15,22,28-Feb-2025	Test Completed On:-	9,16.23-Feb-2025, 02-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Method	1	IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part- 2)	IS 5182 (Part-5)	IS:5182 (Part-10)
l.	Discipline: Chem	rical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		04/02/2025	54.6	19.8	6,5	17.4	BLQ (LOQ-0.5)
		07/02/2025	63.4	24.6	9.2	15.8	BLQ (LOQ-0.5)
	Tatijhana	11/02/2025	55.3	20.2	8.7	18.1	BLQ (LOQ-0.5)
440.7	Viliage/	14/02/2025	50.7	23.6	7.2	19.5	BLQ (LOQ-0.5)
AAQ-7	Nr.Weigh	18/02/2025	63.8	25.2	7.7	20.3	BLQ (LOQ-0.5)
35.1	Bridge	21/02/2025	57.2	22.5	8.1	21.7	BLQ (LOQ-0.5)
		25/02/2025	62.5	26.2	11.2	22.6	BLQ (LOQ-0.5)
		28/02/2025	64.4	24,7	9.3	17.4	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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	ANtri7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANti/7.2/RES- INORG/04
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)
		11/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Fatinaria Villagei	14/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-7	Nr. Weigh Bridge	18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/02/2025	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 waterman. Original Test Report to confirm the authorisety of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters any • Test report shall not be reproduced except in full without prior writen approval of Announ Latis. • BLQ= below limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/95).

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

Chimnay Garway Deputy Quality Manager





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Test Report

Ambient Air Quality-February-2025

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Report No.:-	ALPL/15042025/2-16	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Bairampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/18112024/MON-92-EAAQ-2/64-1
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,15.22,28-Feb-2025
Test Started On:-	8,15,22,28-Feb-2025	Test Completed On:-	9,16.23-Feb-2025_02-Mar-2025
Sampling Procedure	ANtd/7 2/Mon-01	77	

Sampling	Procedure	ANtd/7.2/Mon-01						
Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m²	
	Test Meth	od	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-	IS:5182 (Part-6)	IS:5182 (Part-10)	
L	Discipline: Ch	emical	Group: Atmo	spheric Pollution	Material or Pro	Material or Product tested : Ambient Air		
			04/02/2025	45.3	20.1	7.4	16.2	BLQ (LOQ-0.5)
		07/02/2025	47.6	19.8	10.3	17.5	BLQ (LOQ-0.5)	
		11/02/2025	51.2	23.5	8.5	16.5	BLQ (LOQ-0.5)	
AAQ-8	Virhorepat	14/02/2025	43.4	20.8	6.4	19.0	BLQ (LOQ-0.5)	
Pirita. U	Virtual Capati	18/02/2025	54:3	28.0	7.6	17.2	BLQ (LOQ-0.5)	
		21/02/2025	50.6	24.4	9.6	15,6	BLQ (LOQ-0.5)	
5		25/02/2025	62.4	25.3	11.3	19.1	BLQ (LOQ-0.5)	
		28/02/2025	48.1	22.3	11.5	17:9	BLQ (LOQ-0.5)	
	NAAQMS Sta	ndards	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 /m²	Arsenic as As ng /m²	Chromium as Cr µg /m²
Test Method			ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04	ANti/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		04/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Virhorepat	11/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
w.w.m.		14/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
8-DAA	VIII OLOGOPH.	18/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/02/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/02/2025	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)	900

NOTES: • Please see without and important 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 approved of Anicon Labs. • BLC= below limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/06).

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

Verified by

Snehal Raut Technical Manager

Dhanashree Hiwani Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chiamay Garway Deputy Quality Manager





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Test Report

Ambient Air Quality-March-2025

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Report No.:-	ALPL/15042025/2-17	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23032025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7,14,21,29-Mar-2025
Test Started On:-	7,14,21,29-Mar-2025	Test Completed On:-	8,15.22,29.31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m ³	Carbon Monoxide (as CO) mg/m ²
	Test Method	i	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-2)	IS 5182 (Part-6)	IS:5182 (Part-10)
I,	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Proc	duct tested : Ambie	
		03/03/2025	45.3	20.1	7.4	16.2	BLQ (LOQ-0.5)
		06/03/2025	47.6	19.8	10.3	17.5	BLQ (LOQ-0.5)
		10/03/2025	51.2	23.5	8.5	16.5	BLQ (LOQ-0.5)
AAQ-1	Sairaidh	13/03/2025	43.4	20.8	6.4	19.0	BLQ (LOQ-0.5)
nna.	Campus	17/03/2025	54.3	28.0	7.6	17.2	BLQ (LOQ-0.5)
		20/03/2025	50.6	24.4	9.6	15.6	BLQ (LOQ-0.5)
		24/03/2025	62.4	25.3	11.3	19.1	BLQ (LOQ-0.5)
		28/03/2025	48.1	22.3	11.5	17.9	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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/m²	Mercury as Hg µg /m²	Arsenic as As	Chromium as Cr µg/m²
Test Method			ANti/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
	Sairaidh Campus	06/03/2025	BLQ (LOQ-0,2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
AAQ-1		13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Cavadi, Califica	17/03/2025	BLQ (LOQ-0.2)	BLO (LOO-0.0005)	BLQ (LOQ-2.0)	BI.Q (LOQ-0.03)
		20/03/2025	BLQ (LOQ-0.2)	BLQ (LQQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	28/0	28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	ds	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 approve of Anacon Labs. • BLQ= below 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

Sriehal Raut Technical Manager

Dhanashree Hiwani Sr. Technical Assistant

-End of Report-

Authorized Signatory

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Anacon Laboratories Pvt. Ltd. Nagpur Lab

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Test Report

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Report No.:-	ALPL/15042025/2-18	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23032025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7,14,21,29-Mar-2025
Test Started On:-	7,14,21,29-Mar-2025	Test Completed On:-	8,15,22,29,31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01	1	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide µg/m³	Oxides of Nitrogen µg/m²	Carbon Monoxide (as CO) mg/m ³
	Test Method	ĺ	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
- No	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		03/03/2025	57.5	23.6	9.5	23.1	BLQ (LOQ-0.5)
	### (##) # (##) # (##) # (##)	06/03/2025	63.2	24.8	8.8	20.3	BLQ (LOQ-0.5)
		10/03/2025	59.4	26.7	10.6	22.4	BLQ (LOQ-0.5)
AAQ-2	New Kudag/ Nr. Weigh	13/03/2025	51.5	22.9	10.5	19.3	BLQ (LOQ-0.5)
nma-r	Bridge	17/03/2025	55.3	23.7	9.9	17.9	BLQ (LOQ-0.5)
. B.	ternorger;	20/03/2025	63.6	25.2	5.2	19.2	BLQ (LOQ-0.5)
		24/03/2025	50.7	22.9	5.3	20.0	BLQ (LOQ-0.5)
		28/03/2025	44.4	20.5	6.7	21.4	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m ³	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
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		06/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-2	New Kudag/	13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
MMG-E	Nt. Weigh Bridge	17/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		20/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	28/03/2	28/03/2025	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)	922

NOTES: • Flease see watermark: Original Test Report to confirm the authorisony of this report. • Results shall be referred to tested sample(s) and applicable to tested parameters only. • Test report shall not be reproduced accept in full without prior written approval of Asson Labis. • BLQ* below 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

Technical Manager

Dhanashree Hiwani Sr. Technical Assistant

---End of Report----

Authorized Signatory

Quality Mapager





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Test Report

Ambient Air Quality-March-2025

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Report No.:-	ALPL/15042025/2-19	Report Date:-	15/04/2025
issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi). Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23032025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7,14,21,29-Mar-2025
Test Started On:-	7.14.21.29-Mar-2025	Test Completed On:-	8,15,22,29,31-Mar-2025
Sampling Procedure	ANtd/7,2/Mon-01	and a super-	

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m²	Particulate Matter (PM2.5) µg/m²	Sulphur dioxide pg/m ³	Oxides of Nitrogen µg/m³	(as CO) mg/m ²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part-	(S:5182 (Part-6)	IS:5182 (Part-10)
Je	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Amb	ent Air
		03/03/2025	64.6	26.3	6.3	22.3	BLQ (LOQ-0.5)
		06/03/2025	57.3	22.0	8.4	17.2	BLQ (LOQ-0.5)
		10/03/2025	62.2	25.9	8.0	19.8	BLQ (LOQ-0.5)
AAQ-3	Old Kudag/	13/03/2025	50.8	21.6	6.6	18.9	BLQ (LOQ-0.5)
	Mining Area	17/03/2025	64.3	27.1	5.7	17.4	BLQ (LOQ-0.5)
		20/03/2025	52.6	21.8	7.4	15.2	BLQ (LOQ-0.5)
		24/03/2025	48.5	19.8	10.3	14.7	BLQ (LOQ-0.5)
		28/03/2025	51.2	22.5	8.5	16.5	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	Mercury as Hg µg /m ³	Arsenic as As ng /m ³	Chromium as Cr µg /m²
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
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLO (LOO-2.0)	BLQ (I.OQ-0.03)
		06/03/2025	BLO (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-3	Old Kudag/	13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Mining Area	17/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
		20/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	1414	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. DQ= limit of quantification. Environmental condition – Satisfactory. Statement of conformity issued on the basis of decision rule as per quality procedure (QPI7.8/05).

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

Verified by

Gnohal Flaut Technical Manager

Dhanachree Hiwani Sr. Technical Assistant

----End of Report----

Authorized Signatory

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Thank you for instilling your trust and faith in our services. We cherish our relationship with you, an owe 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



Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Ambient Air Quality-March-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-20	Report Date:-	15/04/2025
issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23632025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	7,14,21,29-Mar-2025
Test Started On:-	7,14,21,29-Mar-2025	Test Completed On:-	8.15,22,29.31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part- 2)	IS:5182 (Part-6)	IS 5182 (Part-10)	
1.	Discipline: Chem	nical	Group: Almo	spheric Pollution	Material or Pro	oduct tested : Ambie	ent Air
	03/03/2025		56.6	23.2	6.3	17.8	BLQ (LOQ-0.5)
	3	06/03/2025	58.4	24.7	5.2	20.1	BLQ (LOQ-0.5)
F	Samn-Gopatu/	10/03/2025	63.2	27:4	5.9	15.1	BLQ (LOQ-0.5)
AAQ-4	Near Weigh	13/03/2025	59.1	26.5	5.8	18.4	BLQ (LQQ-0.5)
	bridge	17/03/2025	54.7	22.3	5.7	13.6	BLQ (LOQ-0.5)
	. wrage	20/03/2025	56.D	25.6	7.8	18.2	BLQ (LOQ-0.5)
	24/03/2025	59.8	22.2	6.7	17.2	BLQ (LOQ-0.5)	
	-	28/03/2025	57.6	25.1	7.4	19.5	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 /m²	Mercury as Hg µg /m ¹	Arsenic as As	Chromium as Cr µg /m³
Test Method		ANti/7_2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANti/7.2/RES- INORG/04	
		03/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
- 1		06/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Samri-Gopatu/	10/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-4		13/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
0093	Near Weigh bridge	17/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2:0)	BLQ (LOQ-0.03)
		20/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		24/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard	s	1.0 (24 hrs)	-	6.0 (annual)	****

NOTES: • Please are watermark: Original Test Report to confirm the authoritisty of this report. • Results shall be referred to tested samples) and applicable to tested parameters only • Test report shall not be reproduced except in full without prior written approval of Ansoon Labs. • SLO= below first 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.

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Verified by

Snehal Raut Technical Manager Dhanashree Hiwanj Sr. Technical Assistant

---End of Report-

Authorized Signatory

y Quality Manager





Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Ambient Air Quality-March-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-21	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPI./23032025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8.16.22.29-Mar-2025
Tost Started On	8,16,22,29-Mar-2025	Test Completed On:-	9.17.23. 31-Mar-2025
Sampling Procedure	ANId/7.2/Mon-01		POLICE STREET

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m²	Carbon Monoxide (as CO) mg/m ³
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
- l.	Discipline: Cher	The second second second second	Group: At	mospheric Pollution	Material or	Product tested : A	mbient Air
		04/03/2025	54.9	24.4	8.0	17.2	BLQ (LOQ-0.5)
	Kutku Village/	07/03/2025	61.6	26.2	8.2	14.0	BLQ (LOQ-0.5)
		11/03/2025	58:4	24.7	7.8 13.8	13.8	BLQ (LOQ-0.5)
AAQ-5		15/03/2025	52.5	23.1	6.0	16.3	BLQ (LOQ-0.5)
1.000	Center	18/03/2025	56.2	24.3	6.3	18.6	BLQ (LOQ-0.5)
	35/3/	21/03/2025	58.2	26.8	8.1	19.7	BLQ (LOQ-0.5)
		25/03/2025	56.6	25.6	7.4	20.1	BLQ (LOQ-0.5)
. 4		28/03/2025	57.4	22.8	9.0	10.9	BLQ (LOQ-0.5)
	NAAQMS Standar	ds	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 /m²	Mercury as Hg µg/m²	Arsenic as As	Chromium as Cr
Test Method			ANtr/7 Z/RES- INORG/04	ANtr/7 Z/RES- INORG/04	ANtr/7.2/RES- INORG/04	ANtr/7 2/RES- INORG/04
		04/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Kutku Viltagei	11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-5		15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Nr. V.T. Center	18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0,0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
NAAQMS Standards			1.0 (24 hrs)	1814	6.0 (annual)	

NOTES: ◆ Please see watermark. Disgree Test Report to confirm the authenticity of this report ◆ Results shall be referred to tested sampless) and applicable to tested parameters only ◆ Test report shall not be reproduced except in full embed provident approval of Anson Labs. ◆ BLQs. below limit of quantification. ◆ Environmental condition - Satisfactory. ◆ Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/95).

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

Verified by

Snehal Raut Technical Manager

Dhanashree Hiwanj Sr. Technical Assistant

---End of Report----

Authorized Signatory

Chinmay Galway Deputy Quality Manager





Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Ambient Air Quality-March-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-22	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23032025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,16,22,29-Mar-2025
Test Started On:-	8,16,22,29-Mar-2025	Test Completed On:-	9,17,23, 31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		The state of the s

Sampling P	rocedure	ANtd/7.2/Mon-01					
Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) µg/m ³	Sulphur dioxide µg/m ⁸	Oxides of Nitrogen µg/m ³	Carbon Monoxide (as CO) mg/m³
	Test Metho	d	IS 5182 (Part 23)	USEPA-40(Part 50)	1S:5182(Part- 2)	IS 5182 (Part-6)	IS:5182 (Part-10)
L	Discipline: Cl	nemical	Group: A	mospheric Pollution	Material o	Product tested : A	imbient Air
		04/03/2025	60.5	24.7	8.5	13.9	BLQ (LOQ-0.5)
		07/03/2025	54.7	20.6	8.7	13.7	BLQ (LOQ-0.5)
		11/03/2025	56.1	22.4	8.3	20.7	BLQ (LOQ-0.5)
AAQ-6	Dumerkholi	15/03/2025	52.7	19.5	9,9	17.8	BLQ (LOQ-0.5)
	Nr. Mining An	na 18/03/2025	62.2	24.6	9.4	22.2	BLQ (LOQ-0.5)
6		21/03/2025	55 1	21.8	10.2	19.9	BLQ (LOQ-0.5)
		25/03/2025	58.9	25.2	9.4	23.8	BLQ (LOQ-0.5)
		28/03/2025	54.4	22.6	83	17.4	BLQ (LOQ-0.5)
	NAAQMS Stand	lards	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 /m²	Arsenic as As ng /m ³	Chromium as Cr µg/m³
	Test Method		ANI/17.2/RES- INORG/04	ANIi/7.2/RES- INORG/04	ANIr/7.2/RES- INORG/04	ANI/7.2/RES- INORG/04
		04/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
AAQ-6	Damerkhald	15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
nna o	Nr. Mining Area	18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standard		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 eithout prior written approve of Anicon Libbs. BLQ= below limit of quantification. LQQ= limit of quantification. Environmental condition — Satisfactury. Statement of conformity issued on the basis of decision rule as per quality procedure (QP:7.8/86).

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

Verified by

Snehal Raut Technical Manager

Dhanashree Hiwani Sr. Technical Assistant

---End of Report---

Authorized Signatory

Chinavay Ganday epoty Quality Munager





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 https://www.anacanlaboratories.com

Test Report

Ambient Air Quality-March-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-23	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsil Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23032025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8,16,22,29-Mar-2025
Test Started On:-	8,16,22,29-Mar-2025	Test Completed On:-	9,17,23; 31-Mar-2025
Sampling Procedure	ANId/7,2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ¹	Particulate Matter (PM2.5) µg/m ²	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m ³	Carbon Monoxide (as CO) mg/m²
	Test Method		IS 5182 (Part 23)	USEPA-40(Part 50)	IS 5182(Part- 2)	IS:5182 (Part-6)	IS 5182 (Part-10)
I.	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pro	oduct tested : Ambi	ent Air
		04/03/2025	55.9	25.5	7.0	18.6	BLQ (LOQ-0.5)
	Tatijharia Village/	07/03/2025	61.7	27.3	9.1	21.4	BLQ (LOQ-0.5)
		11/03/2025	51.0	21.4	8.3	16.1	BLQ (LOQ-0.5)
AAQ-7		15/03/2025	57.5	22.0	7.3	18.1	BLQ (LOQ-0.5)
(CONT.)	Nr Weigh	18/03/2025	46.5	17.1	5.3	14.2	BLQ (LOQ-0.5)
	Bridge	21/03/2025	51.2	18.6	6.6	15.4	BLQ (LOQ-0.5)
		25/03/2025	57.7	25.4	7.2	18.1	BLQ (LOQ-0.5)
		28/03/2025	64.2	27.1	73	21.3	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m ³	Mercury as Hg µg /m²	Arsenic as As ng /m²	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		04/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0 0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0) BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)		BLQ (LOQ-0.03)
	Tatijhana Village/ Nr Weigh Bridge	15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-20)	BLQ (LOQ-0.03)
		18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		25/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	1.0 (24 hrs)	****	6.0 (annual)	****

NOTES: • Phone 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 and . • Test report shall not be reproduced except in full without prior written approval of Anacter Labs. • BEQs. below 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 Hiwani Sr. Terchmical Assistant

---End of Report---

Com-

Authorized Signatory

Chimmay Garyay uty Quality Manager

Thank you for instilling your trust and faith in our services. We cherish our relationship with you, and we put in add of hard



Anacon Laboratories Pvt. Ltd. Nagpur Lab

Test Report

Ambient Air Quality-March-2025

Page 1 of 1

Report No.:-	ALPL/15042025/2-24	Report Date:-	15/04/2025
Issued to :-	M/s Hindalco Industries Limited	Address:-	Kudag Village,P.O. Dumarkholi, Tehsii Samri (Kusmi), Disrict: Balrampur (C.G)
Type of Work:-	Ambient Air Quality (Core Zone)	Sample Inward No.	ALPL/23032025/MON-241-EAAQ-2/64
Sampled by	Anacon Representative Mr. Akshay Babulkar	Sample Inward Date	8.16,22,29-Mar-2025
Test Started On:-	8,16,22,29-Mar-2025	Test Completed On:-	9.17.23, 31-Mar-2025
Sampling Procedure	ANtd/7.2/Mon-01		

Sr. No.	LOCATION	Date of sampling	Particulate Matter (PM10) µg/m ³	Particulate Matter (PM2.5) pg/m ²	Sulphur dioxide µg/m²	Oxides of Nitrogen µg/m³	Carbon Monoxide (as CO) mg/m ²
	Test Method	k	IS 5182 (Part 23)	USEPA-40(Part 50)	IS:5182(Part- 2)	IS:5182 (Part-6)	IS:5182 (Part-10)
Ŀ	Discipline: Chem	ical	Group: Atmo	spheric Pollution	Material or Pre	oduct tested : Ambi	ent Air
B-DAA		04/03/2025	58.1	22.0	7.2	18.0	BLQ (LOQ-0.5)
		07/03/2025	48.9	24.7	5.6	16.2	BLQ (LOQ-0.5)
		11/03/2025	54.5	25.4	6.9	16.4	BLQ (LOQ-0.5)
	Virhorepat	15/03/2025	51.6	27.3	9.2	18.8	BLQ (LOQ-0.5)
	AND SPIN	18/03/2025	57.7	29.8	9.8	20.0	BLQ (LOQ-0.5)
		21/03/2025	44.6	19.5	8.3	16.1	BLQ (LOQ-0.5)
		25/03/2025	49.2	24.7	9.2	17.0	BLQ (LOQ-0.5)
		28/03/2025	51.7	22.5	5.1	16.2	BLQ (LOQ-0.5)
	NAAQMS Stand	ards	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 /m²	Mercury as Hg pg /m ³	Arsenic as As	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 Virhores		04/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0 03)
		07/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		11/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
	Virhorepat	15/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		18/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2 0)	BLQ (LOQ-0.03)
		21/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LQQ-2 0)	BLQ (LOQ-0.03)
		25/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2.0)	BLQ (LOQ-0.03)
		28/03/2025	BLQ (LOQ-0.2)	BLQ (LOQ-0.0005)	BLQ (LOQ-2:0)	BLQ (LOQ-0.03)
	NAAQMS Standar	ds	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 sacrept in this without prior written approve of Armoon Lebs. • BLQ+ below limit of quantification. • Environmental condition - Satisfactory. • Statement of conformity issued on the basis of decision rule as per quality procedure (QP/7.8/08).

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

Verified by

Snehal Raut Technical Manager

Dhanashree Hiwani Sr. Technical Assistant

---End of Report----

Authorized Signatory

Chrimay Gadway eputy Quality Manager





Revised "Environment Management Cell (EMC)"

Hindalco Industries ltd. Samri Group of Mines

Date: - 26.12.2024

The Environment management cell (EMC) in respect of Our Samri group of mines is hereby Reconstituted for compliance of EC conditions of Samri, kudag & Tatijharia Bauxite Mines revised. The revised list will consist of following members:-

S.N	Name	Designation	Position
1	Mr. Sanjay Pardhi	Head- Mines	Chairman
2	Mr. Amit Tiwary	Manager- Mines	Member
3	Mr. Saptarishi Sengupta	Manager (Geo, Quality & Env)	Secretary
4	Mr. Rajeev Ranjan	Manager- Mines	Member
5	Mr. Tej Pandey	Assist Manager-Env	Member
6	Mr. Ashutosh Saha	Manager (Sustainability)	Member
7	Dr Ajay kumar	Medical officer	Member .
8	Mr. Saroj rout	Dy. Manager-VTO	Member

For Hindalco Industries Ltd.

(Sanjay Pardhi) Agent- mines

Samri mines division

CC to:- 1.All concerned persons

2. Record. File

डढ़ दजन जुआारया स । / हजार वरामद

बड़-छोटे जुआरी एक ही दिन पकड़े गए

(रिभृषि व्यूज (अधिकानुर)। समग्रीपात अववाल को दें टाकर धर एकोचा इस जुआ फंड्र से पृत्तिस में 11700 क्यार यह ताल के यत्ती

शिष्ट राजे 52 मी समय व तास के यसे करा किए नए हैं। पुलिस की यह अजीवाई राजि ३ वर्ण एवं ९ सने के बाद की

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मोसब्दे

Sec.

पुलिस ने श्रीकारत संक्रियत मते हुए पश्ती के

न छोट-यहे उँद नुआइंस्क्रे को डकर लगभग बुजार 'कपए मद करने में व्यवा पाई है। सुबर ओहा क समाप । ऐसे लोग भी ॥ धोलते प्रकृष पत गरी के अपी त वर्ष संदिय 州 तिथियो TO SE



ऐसे लोग भी खेलते हैं जुआ

पकद आंभवार क्आरियां में कंप मचा हुई है।

पुरिता अधीक्षक हेमकुष्टा राठीर निर्देशन में ग्रायुक्तों के लाए हर है। नेदाय में मोदो राव नगर साम प्रसार सार्याकी, विशेष शब के प्रभारों प्रक्रीहोंक सिंह, रून एका के नेएक में निकल हम यत ने सबसे पहले हिम बांध समीप मुंबा खेल रहे राजेश काल, पनीच अध्यक्त, क्रिक अस्तिक अध्याल,

महामद किया है। इसके नाद पुलिस की टीम भीवड़ाजरा पहुंचा। यहाँ पर ब्रशा खेल के सुरव लगड़ा, रेजन भारती, राक्षेत्र सिंह, चलीर खाने, क्ष्याद शुक्त, संतोष को विशासत से क्षेत्रार प्रचक्त क्षेत्र्यों से ए व समाने के

सम् गाउका स्थात कुमार उपाध्याय, किसन यादव को की शर्म प्रकार इसके कार्य से सामान 250 कराए एक ताश के पसे जन्म किए यर हैं। सभी मुक्तरियों पर मुहित्स ने 13 मुझा एस का आराह को है।

Annexue-1

पिछले वर्ष शतः क्रिया गया है। इसमें सारों को सियान के लिए संसाधन हा उपलब्ध नहीं है। समाधन और प्रश्नीन नहीं दहने के चारिन अवंद्रीआई के प्रक्रियामां वर्ष पर आवंदीआह संस्था में आतं थे व्हेर बिना कुछ किए पून कर गर नापत वत जाते थे। इन्हें चीन्ट्रकल की भी शानकारों गहीं दों गई। ऐसे में हरिक्षणार्थियों को शक्तिक अंधेर में है। छाजें का करना है कि 20 असस्त से वर्षिक परोधा शुरू है। स्मारी की पहाई नहीं हुई है किन्तु किसी गरह रेट कर थड़ते की परीक्षा के उन्होंने कर लंग जिल् प्राथटकत का थोड़ा भी रान गरी है। उन्होंने नताना कि प्रशिक्षपार्थियों के द्वारा एवट देख

रायंत्रिक परीक्ष में उक्कमा प्रका परेशानी होती तो प्रश्निक्षणां परे सहार्थित पुलक स्थार है आएपा। जिल्ला संस्थानक सम्रहरू दसकी अल्लाह पर अध्यानन कराया गया है। परीक्षा की है अविस भारतीय एक पर निध की अभी है इसलिए परोक्षा की वि परिवर्तिन करना अध्य गहीं है। अवसर पर पृथ कांग्रेस के प्र हिपप्रसद अवहरि सुनीत विस अलोक चड्च विकास पिक, र चिक्रक रेका सिन्द्री आगुरोब प बेलब गुन, अभिन्द्र सिंह, प्रदीय प्रदेश सानी रमक्ति मित्रा र काको संबद्धाः में आइटीमाई चाराजपायां चपरियत थे।

रवतंत्रता सेनानियों को श्रद्धाजित देने आज जुटेंगे कायर स्थापनार स्मापना स्थान सेनानियों के सम्बद्धात्र के सम्बद्धात्र के सम्बद्धात्र के समान के मुख्या । यह स्थान कायन प्राचित्र स्थानिया में बहुत्यात्र से सो प्राच्या । यह स्थान कायेय कमेरी के अस्वय गर्गत है है हो है, ये से दिवस पर गुरुब कार्यम् तेश देशः प्रतिना गार्थमः एनएरपुर्वा पर ज करित के सामी प्रयोगकारित एवं एक स्टिम जाने से इस कर्यन उन्हें कि लेकर की राज प्राथमिक

ंदिश्चीम अधिवकापुर जिल्ला कारणीलय वे प्रसार माफेटिंग में फार्य करने के लिए उत्साही, योग्य सथा अनुभंगी या फेलर मुचक य युवितयो की सीम असमहत्रास्ता

उनमीदवारों में निकृतिक्रित योग्यता होना प्रतिवर्ध है

- 12 वी या स्मातक उत्तीर्ण होना पाहिएक।
- » आणु ३० वर्ष से अधिक नहीं हानी वाहिए।
- कंपनी द्वारा संवाधित इवेट में कार्य कर सके संवाध संबालित करने हैंस नगर से बाहर भी भा सके।
- उधित निर्णय लोगे में सवास हो।

वेत्रयमानः योग्यतानुसार वेदात देय होगाई

कार्य का समय प्रातः १ हो 2 बजे शक फीटन बर्फ

सार्थ के से व कवी तपन विभागिता THE OF WITH साम ५ माने से विकास सा

कायास्त्रय प्रमुख

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Application गांति निकेतन सहाविद्यालय

वृत्रधासीदास विक्रि. से सम्बद्ध पंजाबी कालीनी र युलबंद विलासकी

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('सामरी खान प्रभाग)

CITICAL

सर्वसाधारण को भावत किया जाता है कि धनएवं प्रयोगस्थ में जालब, नई दिहा से उनके पत्र क्रमांक जे 1015/353/2007-IAJIM) Paris 27.07.2007 TRI \$.11016/854/2007 (A.II(M) विवास 27.07.2007 के तहन हिण्डालकी इंग्डस्ट्रीज लिमिट ७ के सामग्रे तथा कृदान बॉक्सरईट खादानी के क्षमता विस्तार (0.50 चिलियन टम तहा 0.06 मिल्यन दन ऑक्साईट उत्पादन प्रतिवर्ष) हेतु प्रयोवस्थीय स्वीकृति अनुमादित होका प्राप्त हो जुकी है। इपराक्त स्वाकृति पत्र की प्रतिसिपि छ.ग. पर्यावरण संरक्षण मंडल कार्यालय में उपलब्ध है एवं धन एवं धवांबाग मंत्रालय की वेबसाईट http://envior.nic.in पर देखी का सकती है।

> धवदाव हिण्डालको इण्डस्ट्रीज लिमिटेड सामरी खान ग्रभाग

हारे भूगि अअग्रह २००७

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हे नव्य चले इस आदीलत में भाग केने कुषापुष्टसः नेवरा, एनटीपीसी, एसटीपीपी, बास्को, निष्टारिका सहित सभी क्षेत्रों के खोगों ने भाग लिया थी मंद्रे तक यसे इस आयोलन में अन्य सभी लोग इले उपस्थित थे।

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पुत्री किरण का वेबार 20 मई १११७ को तखतपुर धाना अंतर्गत प्राण अमोदा निवासी शमनाम के पुत्र राज्यप्रसाद पाठन के पुत्र के राज हुआ था। विवाह के एक साल बाद है। किरण को दहेन के लिए प्रताहित किए जाने लगा

छतीसनत प्रदेश के वर्तमान सामिय एवं पूर्व मुख्यमंत्री अजीत प्रमोद जोगी के सुपुत्र अभित फोमी बत रधानीय युवा कार्यकर्ताओं ने जन्म दिवस मनारा। परधानगांव के सागुदाधिक स्वास्थ्य केन्द्र के वार्ड में पहुचल र शुता कांगे सी कार्यकर्ताओं ने प्रीतपाल मादिया के सीप्रन्य से फल, विस्कुर, बेंद्र को दितरण किया तथा कांग्रेसी कृषात्रकाम मुख

अशीत कोहरी के जन्मविवस के अध्यस पर अस्पताल परिलर में भात एवं विरिक्षाट विरास्थ के दक्त इस्मोबिन्द अरावाल मनोज अन्यस्ट, रवि यावव, विशागुष्टीन, सुरेन्द चेडवानी, शिव असवाल; वेदचल रिस्तार, अशोज चेहिला एवं अन्य पानीण उत्तर्वकता उपस्थित थे।

ीता को कटघौरा का प्रभार

पदोत्रति मिलने वाली थी। लेकिन वे अभी स्थानास्त्या के दिन्द् गहर।

ालाई निगम के आयुक्त अए लगा रहे जोर

यवाव मही काल १४ है। प्रदेश शासन द्वारा ९४ वेच के अधिकारी आईसे - पहे ग्रेशमुख को प्राणनादयांव का 1 01 के है। डीडी सिंह की प्रशापुर सनामा गया है।

असिकारी चीतिन पश्चिम्न को कलेक्टर मनाए जाने के बाद से राजनांदयांय जनर कलेक्टर का पद विगत २-३ माह से रिक्त था। की र्रशमुख नवा अंखोर परियोजना के अन्य लगासक के पद पर प्रामीण जनासक के पद पर प्रेचायत प्रति । वियात विषय न प्रतिनयुक्ति पर धे। इस यीच २००५ केय के छ। प्रशिक्ष आईएस अफसरों की सामयक बाते बटर के जारी आदेश के अनुसार राप्त्रों। यद घर पदर्थ किया गया है। आई एएस अर भंगीका को कटचोरा एवं पजत कुमार को अपर काले करर पदाच किया गया सारांगढ़ अनुवि । गीस अधिकारी

प्त जिला अध्यक्ष ने दौरा रयाओं की जानकारी ली

से अपनी भावनाओं से अवगत डो ने यह भी माय सबी कि क अन्य क्षेत्री शिक्षक एवं किन्द्रीय चेतनमान दिया जाना । वेरानमान भिलने से प्रत्येक ०० से २००० हमए एक मा मा। महंगाई मत्त की घोषणा क्षिण संबद्ध महंगाई भारते के अनुसार होना चाहिए तथा ही राशि केन्द्र छी धोषणा के होना चाहिए। जिस तरह से पी. प्रसिद्धी को जिल्ला विभाग में अभिग शती है उसी प्रकार एम. फील ते की अधिन वेसन पुढ़ि निलनी

र्वक्रम में मुख्य क्या के विकासमूर ाम असाबित्यः भी, दुवे, एव ो, यो, सिंह, ए, के, जैन, के वर्मा स्थाना श्रीवारतव, रंजना पुर काक में प्रेमपाद सोती. डी. तर की भगत स्वातारायण पान हलाम मोहम्मद खन, के एत. ठाकुर आर. पी. सिए, भीसाई लाक ने दीनानाथ साह, अञ्चल प्रसाद, मारायुव पुत्रह, प्रत्यवय

दुवे, भोरेलाल हाबुक, शिवगंगत सिंह, मुलेक्यन सिंह, मंदिनारायण साहू, प्रमृत्याल साहू, प्रेमनगर क्षाक रामलल्लू साहू, कृष्णा साहू रानमात साहू, राजन्द जानसार पिलू राम सिह, राज्युनार पेक्ना, गहाल हिन्द, पारसंपति पेक्स कीयती मानभति भगत कोनती प्यापी दोख्यो सड्वेच रिहेड, श्रीमधी कल्चल्या जायसवीठ, क्षीमती सुनिता पाण्डेय, ये एन. यादव मी इसलाम असारी, रमाम गान्यण सिंह उदयपुर लाठ में सुखराम यादर हरिशंकर गुण्हा, भोहेलाल राजवाहे, क्लेवलदुर सिंह, प्रयोद कमार क्रमांच, अलोइस छे पो. आमपनाथ महेत. देववुलार वाचन, शकर पण, प्रवक्षीसन, श्रीमही दुनीतियंद दोप्यो, शमलान सिंह, छोटेलाल दुवे, सोमारताय सिंह, सह पर सिंह, राज्यूर्ण शर, दीनशी अभयकिशोरी टापी, धनेश्वर सिंह. पुरुष राम संधा अधिकाधित संख्या में हर बनाक ने रिक्षक-शिक्षिकाएं एपरिश्वत थी। शिक्षकों के प्रस्ताव को उचित कार्यवादी हेतु इसकी सूचेना हेतु प्रदेश अध्यक सुरेश विकास एव उप-प्रान्तक्ष्यक थी. एर जिंह को दे वी गई है। मुख्यमंत्री फलीसगढ़ शासन स्वाल शिक्षा मंत्री एवं आदिन जाति र त्याण मंत्री को सभी मांगों जो की जायज ना है स्टीवृत्त करने हेतु अगुरोध पत्र किखा गरा है।

खाद नहीं मिलने को लेकर कृषकों ने निकाली रैली साथ ही किसानों ने खाद की

क्षेत्र के किसानों को छाद गड़ी निरु , किस्तात के किए व्यापादियों से रता है, जिसको लेकर कल पत्थलमांच के किसान नेपा वेदप्रकाश भित्रा ने आपीण किसानी

या लेकर एक रही आश्वासन मिला एक वो कि वान दिन में होगा उपलब्ध कि पर निकारप्रकर

विस्तार अधिकारी श्री पन्ना से खाब किल्ला के शकः ने जानकारी मांगी स अमंकर नारेब जी की गई। घनना ने आप्रधासन विद्या कि वे एक-यो दिन में खाद पत्थालगांव में संपलका कराई जायेती। इस आश्यासन के पश्चात ही रेडी में उपस्थित संकडी विवसान वाम स जाते को तैयार हुए।

अधिकारियाँ प्रारा सारगांद तक उने दामों की बिकी पर अधिकारी अहर मूर्त समाजा देख परे हैं पू राही हाथ धर

प्राची दामी में खरीवने को मजबूर है। रेली में भवन राम कुणूर, धरणसाय कुजूर, मसरवय प्रन्या. बुझहाड सन्पंच, हेमराम पटेल, जोरोपा रख, तीथा पादव, दिवेश्वर बादव व अन्य किसान मीजूद थे। पेनी की अधुवाई किसान नेता हारा की गई।



हिण्डालको इण्डरटीज लिमिटेड (सामरी खान प्रभाग)

- TEN - 11

सर्व र त्यानण को स्थित किया प्रत्या है कि यम एवं प्रयान स्थ मेदाल्य, महे दिल्ली से अनके पत्र क्रामांक न - 11015/353/2007-A II(M) Rates 27.07.2007am 4-11015/354/2007-A. II(M) दिसांक 27.07.2007 के नात विण्डासको उण्डादी स क्रियट ह के सामरे तथा कुदाग बाबसाइट खदानों के समता विस्तार (०.५० मिल्सिन इन तथा ०.०६ मिलियन देश खोबसाईट अपाउन प्रतिवर्ष) हेन् प्रयोव स्थीय स्वीकृति अनुमोदित संका प्राप्त क्षेत्रकृति है। उपनेतन क्ष्यं कृति पत्र की प्रतितियम छ ग, पर्या बरा। संरक्षण महत्त कार्यालय में उपलब्ध है हुने बन हुने प्रयोगाण मंत्रातम की बेबसाईट http://envior.nic.ip, with der on each to

अवश्य हिम्बालको प्रथमित निभिन्न जामश्री खान प्रमास

आविकतावाकी 33HEA 200

HINDALCO INDUSTRIES LIMITED

Samri Mines Division

Actual Expenditure incurred in Environment Management Plan

Total cost incurred for protection of Environment in Samri, Tatijharia and Kudag Bauxite mines of Hindalco Industries Limited, Chhattisgarh during the period from October 2024 to March 2025 is mentioned below:

SI. No	Environment Protection Measure	Actual Cost (Lakhs) Oct'24 – Mar'25
1.	Environment Monitoring	5.80
2.	Greenbelt development	15.51
3.	Reclamation/ rehabilitation of mined out area (Samri - 21.089 Ha., Kudag- 1.760 Ha., Tatijharia-16.821 Ha.) Total- 39.67 Ha.	118.97
	Total	140.28

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