

INDIAN BUREAU OF MINES

--:-- Inspection Report --:--

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	07BHR32015	Lease Area (Ha) :	155.81
Forest Area (Ha) :	N/A	Mine Code :	07BHR32015
Registration Number :	IBM/935/2011	Name of lessee :	HINDALCO INDUSTRIES LIMITED
Address of lessee :	Auhura Center , First Floor, B-Wing, ,Mahakali Caves Road, WORLI	Phone of lessee :	022-66525000
Email of lessee :	Prateek.kumar@adityabirla.com	Fax Number :	N/A
Village :	Tuimu	Taluka / Mandal :	Peshrar
District :	LOHARDAGA	Pincode :	400030
State :	Jharkhand	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	1987-10-22	Date of Mining Lease Execution :	1974-10-16
Date of opening in the mine :	Nilsss		

Nominated Owner Details			
Name of the Nominated Owner :	Mr K N BHANDARI	Nominated Owner Address:	5, NEW POWER HOUSE ROAD SECTOR 7 JODHPUR-342004
Nominated Owner Mobile :	7738368627	Nominated Owner Email :	Prateek.kumar@adityabirla.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2013-11-12
Mining Engineer Details			
Name of the Mining Engineer :	Mr Akhilesh Sinha	Qualification of Mining Engineer :	B.E Mining
Address of Mining Engineer :	M/s Hindalco Industries Limited , Court Road, Lohardaga	Phone of Mining Engineer :	9430732477
Email of Mining Engineer :	Akhilesh.sinha@adityabirla.com	Fax Number of Mining Engineer :	0652622411
Date of Mining Engineer Appointment :	2024-12-24		
Geologist Details			
Name of the Geologist :	Mr Sanjay Sharma	Qualification of Geologist :	Msc In Geology
Address of Geologist :	M/s Hindalco Industries Limited, Court Road, Lohardaga	Phone of Geologist :	6203671540
Email of Geologist :	Sanjay.p.s@adityabirla.com	Fax Number of Geologist :	0652622411
Date of Geologist Appointment :	2024-10-17		
Mine Manager Details			
Name of the Mine Manager :	Mr Akhilesh Sinha	Qualification of Mine Manager :	B.E Mining
Address of Mine Manger :	M/s Hindalco Industries Limited, Court Road, Lohardaga	Phone of Mine Manger :	9430732477

Email of Mine Manger :	Akhilesh.sinha@adityabirla.com	Fax Number of Mine Manger :	0652622411
Date of Mine Manger Appointment :	2024-12-24		
Mineral(s) granted in lease and proved for mining :	BAUXITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-04-17 (2025 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Vikrant Khedikar
Designation :	ACOM
Name of the Accompanying Official from Mine :	Shri Tapas Gachhayat, Shri Akhilesh Sinha
Designation of the Accompanying Official :	Mine Manager and Mine Geologist
Type of Inspection :	MCDR,MPAS
Date of Inspection :	02/04/2025
Review year considered for MCDR Inspection :	2024-2025

Final Submitted

2.2.1 : Exploration Details

S.N.	Items for Reporting		As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of Core Boreholes		0	0	0.000	No Violation	No Proposal	Nil
2	Number of DTH Boreholes		0	0	0.000	No Violation	No Proposal	Nil
3	Number of exploratory pits / trial pits		0	0	0.000	No Violation	No Proposal	Nil
4	Number of exploratory Trenches		0	0	0.000	No Violation	No proposal	Nil
5	Lateral exploration status for the lease area	G1	104.23	104.23	0.000	No Violation	As per Modified Mining Plan	Nil
6		G2	13.58	13.58	0.000	No Violation	As per modified Mining Plan	Nil
7		G3	38.00	38.00	0.000	No Violation	As per modified Mining Plan	Nil
8		G4	0	0	0.000	No Violation	As per modified Mining Plan	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)		111-269290.08 121-Nil 122-236095.05 221 - 24264.14 222 - 45859.73	111-269290.08 121-Nil 122-236095.05 221 - 24264.14 222 - 45859.73	nil	No Violation	As on 01/04/2025	Nil

2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	Quarry-2A	Quarry 2 A	Nil	No Violation	As per proposal	Nil
2	Quantity of overburden generation in m3	43470.00	12310.00	31160.000	No Violation	Land acquisition was pending by Lessee	Nil
3	Quantity of topsoil generation in m3	28980.00	3310.00	25670.000	No Violation	Land acquisition was pending by Lessee	Nil
4	Stripping ratio : ore to OB ratio	0.35	0.31	0.040	No Violation	As per proposal	Nil

2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for	1	1	0.000	No Violation	As per proposal	Nil

	production						
2	Quantity of ROM mineral production proposed (in T)	15456.00	10298.95	5157.050	No Violation	Within Proposal	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	12364.80	8239.16	4125.640	No Violation	Within Proposal	Nil
4	Quantity of mineral reject/Sub-grade generation	3091.20	2365.39	725.810	No Violation	As per proposal	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Al ₂ O ₃ - less than 30% Silica greater than 7 %	Al ₂ O ₃ - 27.82 % Silica - 9.68%	Nil	No Violation	As per the threshold value	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Manual	Manual	Nil	No Violation	As per Proposal	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Yes	Yes	nil	No Violation	As per Proposal	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	Nil	No Violation	Nil	Nil

Final Submitted

2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	0	0	0.000	No Violation	None Proposed	Nil
2	Quantity of dump material handling Proposed (in Tonne)	0	0	0.000	No Violation	None Proposed	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	0	0	0.000	No Violation	None Proposed	Nil
4	Production from dump(s) during the year	0	0	0.000	No Violation	None Proposed	Nil
5	Quantity of mineral reject generation	0	0	0.000	No Violation	None Proposed	Nil
6	Grade of mineral reject generation and threshold value declared	0	0	0.000	No Violation	None Proposed	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Nil	Nil	Nil	No Violation	None Proposed	Nil
8	Manual / Mechanized method adopted for dump working	Nil	Nil	Nil	No Violation	None Proposed	Nil

Final Submitted

2.5.1 : OB/Waste Dumps Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Yes	Yes	Nil	No Violation	concurrent backfilling is practiced after production	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Nil	Nil	Nil	No Violation	concurrent backfilling is practiced after production	Nil
3	Number of active & Inative dumps	Nil	Nil	Nil	No Violation	None proposal	Nil
4	Number of dead dumps	Nil	Nil	nil	No Violation	None Proposed	Nil
5	Number of dumps proposed for stabilished	nil	Nil	Nil	No Violation	None proposed	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Plantation	plantation	Nil	No Violation	as proposed plantation is done within leasehold area	Nil

Final Submitted

2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	yes	yes	nil	No Violation	land acquisition is pending	Nil
2	Year-wise area under backfilling of mined out area	0.11	0.11	0.000	No Violation	As proposed	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Topsoil - 28980 M3 Utilization - 28980 M3	Topsoil - 3310 M3 Utilization - 3310 M3	nil	No Violation	land acquisition is pending	Nil
4	Total area fully reclaimed & rehabilitated	97.09 Ha	96.90 Ha	nil	No Violation	As proposed	Nil
5	Locations of proposed reclamation & rehabilitated	E-241689.67 N-2587995.84	E-241689.67 N-2587995.84	nil	No Violation	As proposed	Nil

Final Submitted

2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	Yes Plantation - 625	Yes Plantation-5500	nil	No Violation	safety Barrier	Nil
2	Rehabilitation by making water reservoir	Nil	Nil	Nil	No Violation	as proposed	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation - 0.25 Ha Area Rehabilitated - 0.25 ha Method - plantation	Afforestation - 1.38 Ha Area Rehabilitated - 1.38 ha Method - plantation	nil	No Violation	safety Barrier and other places in lease hold area.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	yes	Yes	Nil	No Violation	as proposed	Nil

Final Submitted

2.8.1 : Mineral Conservation Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	12364.80	8600.49	3764.310	No Violation	Dispatch quantity	Nil
2	Different grade of mineral sorted out at mines	Al ₂ O ₃ - above 40 % SiO ₂ -5%	Al ₂ O ₃ - above 40 % SiO ₂ -5%	Nil	No Violation	As proposed	Nil
3	Any beneficiation process at mines	Nil	Nil	Nil	No Violation	As proposed	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	nil	nil	nil	No Violation	Nil	Nil

Final Submitted

2.9.1 : Environment Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	yes	yes	nil	No Violation	As proposed is practiced.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	yes	yes	nil	No Violation	concurrent backfilling is practiced after mining.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	yes	yes	nil	No Violation	As per proposal	Nil
4	Plantation & Survival rate	70%	62 %	nil	No Violation	As per the proposal.	Nil
5	Water sprinkling on roads to control airborne dust	yes	yes	nil	No Violation	as proposed	Nil

Final Submitted

2.10 : Annual Return Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	Monthly return -submitted. annual Return - will be submitted within stipulated time as committed by lessee	Monthly return -submitted. annual Return - will be submitted within stipulated time as committed by lessee	nil	No Violation	annual Return - will be submitted within stipulated time as committed by lessee	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	yes	yes	nil	No Violation	Appointed	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	nil	nil	nil	No Violation	nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	nil	nil	nil	No Violation	None proposed	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	submitted	submitted	nil	No Violation	nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	annual Return - will be submitted within stipulated time as committed by lessee	annual Return - will be submitted within stipulated time as committed by lessee	nil	No Violation	annual Return - will be submitted within stipulated time as committed by lessee	Nil

2.11 : SDF Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	3 star	3 star	nil	No Violation	nil	Nil

Part-III : Other Reports**3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark File Description
1	Nil	nil

Final Submitted

Part-IV : Summary Details

4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
------	---------------------	-----------------------------	--------	-----------	----------------------	--------	-------------

Final Submitted

Esigned by:  Vikrant Khedikar
Date: 29/04/2025 01:23:29 PM