

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	07BHR32009	Lease Area (Ha) :	38.447
Forest Area (Ha) :	N/A	Mine Code :	07BHR32009
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 :	Jalim	Taluka / Mandal :	Bishunpur
District :	Gumla	Pincode :	400030
State :	Jharkhand	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	1987-11-09	Date of Mining Lease Execution :	1974-10-16
Date of opening in the mine :	1983-11-01		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr SATISH PAI	Nominated Owner Address:	IMPERIAL, B. B NAKASHE, TARDEO, MUMBAI 400034
Nominated Owner Mobile :	6370064897	Nominated Owner Email :	Shatrujit.kumar@adityabirla.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-08-21
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Mr. Satyabrata Behra	Qualification of Mining Engineer :	BE
Address of Mining Engineer :	Hindalco Industries Limited. Dist.: - Lohardaga – 835302, State: - Jharkhand,	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	N/A	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2008-05-01		
<b>Geologist Details</b>			
Name of the Geologist :	Mr. Debjyoti Das	Qualification of Geologist :	Msc In Geology
Address of Geologist :	Hindalco Industries Limited. Dist.: - Lohardaga – 835302, State: - Jharkhand,	Phone of Geologist :	N/A
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-11-06		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Mr. Chandrashekhar Prasad	Qualification of Mine Manager :	BE Mining
Address of Mine Manger :	Hindalco Industries Limited. Dist.: - Lohardaga – 835302, State: - Jharkhand,	Phone of Mine Manger :	N/A

Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2019-09-16		
Mineral(s) granted in lease and proved for mining :	BAUXITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-02-06 (2023 - 2027)
Method of mining :	Open Cast	Category :	OTHER_THAN_MECHANISED
Nature of Use :	Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	Vikrant Murlidhar Khedikar
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	Shri Tapas Gachhayat, Shri Satyabrata Behra, Shri Debjyoti Das, Shri Chandrashekhar Prasad
Designation of the Accompanying Official :	Mine Manager and Mine Geologist
Type of Inspection :	MCDR,STR
Date of Inspection :	04/11/2025
Review year considered for MCDR Inspection :	2024-2025

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**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	Nil	Nil	Nil	No Violation	Nil	Nil	
2	Number of DTH Boreholes	Nil	Nil	Nil	No Violation	Nil	Nil	
3	Number of exploratory pits / trial pits	Nil	Nil	Nil	No Violation	Nil	Nil	
4	Number of exploratory Trenches	Nil	Nil	Nil	No Violation	Nil	Nil	
5	Lateral exploration status for the lease area	G1	2.8	0	2.800	No Violation	nil	Nil
6		G2	1.12	0	1.120	No Violation	nil	Nil
7		G3	0.00	0	0.000	No Violation	nil	Nil
8		G4	0	0	0.000	No Violation	nil	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)	BAUXITE - Total Reserve 121172.05 , Total Resource 22482.50	0	0	0	No Violation	nil	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	Pit : Quarry 2 & 3 & Direction : Central Part	Pit : Quarry 2 & 3 & Direction : Central Part	nil	No Violation	nil	Nil
2	Quantity of overburden generation in m3	32651	40792	-8141.000	No Violation	nil	Nil
3	Quantity of topsoil generation in m3	32651.00	40792	-8141.000	No Violation	nil	Nil
4	Stripping ratio : ore to OB ratio	1.28	1.8	-0.520	No Violation	nil	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 production	Pit ID : Quarry 2 & 3	Pit ID : Quarry 2 & 3	nil	No Violation	nil	Nil

2	Quantity of ROM mineral production proposed (in T)	50006.60	37210	12796.600	No Violation	nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	45005.94	37210	7795.940	No Violation	nil	Nil
4	Quantity of mineral reject/Sub-grade generation	5000.66	0	5000.660	No Violation	nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Al <sub>2</sub> O <sub>3</sub> >30%SiO <sub>2</sub> <7%	Al <sub>2</sub> O <sub>3</sub> >30%SiO <sub>2</sub> <7%	0	No Violation	nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	manual	manual	0	No Violation	nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	yes	yes	0	No Violation	nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	yes	yes	0	No Violation	nil	Nil

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**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	nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	0	0	0.000	No Violation	nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	0	0	0.000	No Violation	nil	Nil
4	Production from dump(s) during the year	0.00	0	0.000	No Violation	nil	Nil
5	Quantity of mineral reject generation	0	0	0.000	No Violation	nil	Nil
6	Grade of mineral reject generation and threshold value declared	0	0	0.000	No Violation	nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	0	0	0.000	No Violation	nil	Nil
8	Manual / Mechanized method adopted for dump working	0	0	0.000	No Violation	nil	Nil

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**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)	0	0	0.000	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	0	0	0.000	No Violation	Nil	Nil
3	Number of active & Inative dumps	0	0	0.000	No Violation	Nil	Nil
4	Number of dead dumps	0	0	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	0	0	0.000	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	0	0	0.000	No Violation	Nil	Nil

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**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	15.96	6	9.960	Rule 11(1)	backfilling not done as per approved mining plan	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : Quarry 2 AND 3, Area Proposed : 6790.00	0	6790	Rule 11(1)	backfilling not done as per approved mining plan	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :32651.00 Utilized :32651.00 Stored :0.00	Generated: 40792 Utilized: 0	40792	Rule 11(1)	backfilling not done as per approved mining plan	Nil
4	Total area fully reclaimed & rehabilitated	1.138	0	1.138	Rule 11(1)	backfilling not done as per approved mining plan	Nil
5	Locations of proposed reclamation & rehabilitated	Quarry 2 AND 3	0	Quarry 2 AND 3	Rule 11(1)	backfilling not done as per approved mining plan	Nil

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**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.	Plantation : Location :Safety Barrier , Area : 0.75, No. of Plant : 1200 Plantation : Location :Safety Barrier , Area : 0.75, No. of Plant : 1200 Pit ID : Quarry 2 AND 3, Area : 6790.00	Plantation : Location :Safety Barrier , Area : 0.75, No. of Plant : 100 Plantation : Location :Safety Barrier , Area : 0.75, No. of Plant : 100 Pit ID : Quarry 2 AND 3, Area : 200.00	No of plants : 1000	Rule 11(1)	Not as per proposal in approved mining plan	Nil
2	Rehabilitation by making water reservoir	0	0	0.000	No Violation	nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Area: 6790 M2 Area rehabilitated: 0.679 Method of rehabilitation: Concurrent backfilling with annual plantation	Area: 0 Area Rehabilitated: 0 Plantation: 100	Area: 6790 M2 Area Rehabilitated: 0.679	Rule 11(1)	Not as per proposal in approved mining plan	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	Implemented	0	No Violation	nil	Nil

**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	45006	37210	7796.000	No Violation	nil	Nil
2	Different grade of mineral sorted out at mines	Yes	yes	0	No Violation	nil	Nil
3	Any beneficiation process at mines	yes	yes	0	No Violation	nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	yes	yes	0	No Violation	Nil	Nil

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**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	Proposed	Separately stacked	0	No Violation	nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	proposed	not implemented	not implemented	Rule 11(1)	not implemented as per approved ROMP	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	proposed	not implemented	not implemented	Rule 11(1)	not implemented as per approved ROMP	Nil
4	Plantation & Survival rate	Plantation : 1200, Survial Rate : 70	Plantation: 100	1100	No Violation	not implemented as per approved ROMP	Nil
5	Water sprinkling on roads to control airborne dust	proposed	yes	0	No Violation	nil	Nil

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**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	Last Annual Returns : No, Last Monthly Returns : Yes - August 2025 - Submitted on : 2025-09-08	submitted	0	No Violation	nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	appointed	appointed	0	No Violation	as per submitted earlier section.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	rule 45(7) violated	rule 45(7) violated	0	No Violation	rectified	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	proposed	yet to approve	0	No Violation	nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	submitted	submitted	0	No Violation	nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	submitted	submitted	0	No Violation	nil	Nil

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**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	Year of Submission : 2023-2024 , Rating : 3 Stars	Rating 3	0	No Violation	nil	Nil

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

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

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## 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
1	Solid Waste Management - Backfilling (Opencast) : Status on part or full extraction of mineral from mined out area before starting backfilling	15.96	6	9.960	Rule 11(1)	backfilling not done as per approved mining plan	Nil
2	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out area	Pit ID : Quarry 2 AND 3, Area Proposed : 6790.00	0	6790	Rule 11(1)	backfilling not done as per approved mining plan	Nil
3	Solid Waste Management - Backfilling (Opencast) : Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :32651.00 Utilized :32651.00 Stored :0.00	Generated: 40792 Utilized: 0	40792	Rule 11(1)	backfilling not done as per approved mining plan	Nil
4	Solid Waste Management - Backfilling (Opencast) : Total area fully reclaimed & rehabilitated	1.138	0	1.138	Rule 11(1)	backfilling not done as per approved mining plan	Nil
5	Solid Waste Management - Backfilling (Opencast) : Locations of proposed reclamation & rehabilitated	Quarry 2 AND 3	0	Quarry 2 AND 3	Rule 11(1)	backfilling not done as per approved mining plan	Nil
6	Progressive Mine Closure Plan : Compliance on reclamation and rehabilitation by backfilling/Other	Plantation : Location :Safety Barrier , Area :	Plantation : Location :Safety Barrier , Area :	No of plants : 1000	Rule 11(1)	Not as per proposal in approved mining	Nil

	means Total area and numbers of plantation proposed.	0.75, No. of Plant : 1200 Plantation : Location :Safety Barrier , Area : 0.75, No. of Plant : 1200 Pit ID : Quarry 2 AND 3, Area : 6790.00	0.75, No. of Plant : 100 Plantation : Location :Safety Barrier , Area : 0.75, No. of Plant : 100 Pit ID : Quarry 2 AND 3, Area : 200.00			plan	
7	Progressive Mine Closure Plan : Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Area: 6790 M2 Area rehabilitated: 0.679 Method of rehabilitation: Concurrent backfilling with annual plantation	Area: 0 Area Rehabilitated: 0 Plantation: 100	Area: 6790 M2 Area Rehabilitated: 0.679	Rule 11(1)	Not as per proposal in approved mining plan	Nil
8	Environment : Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	proposed	not implemented	not implemented	Rule 11(1)	not implemented as per approved ROMP	Nil
9	Environment : Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	proposed	not implemented	not implemented	Rule 11(1)	not implemented as per approved ROMP	Nil

Final Submitted

Esigned by:  Vikrant Murlidhar Khedikar  
Date: 18/11/2025 12:56:10 PM