

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	14RAJ17001	Lease Area (Ha) :	148.45
Forest Area (Ha) :	96	Mine Code :	14RAJ17001
Registration Number :	IBM/6381/2011	Name of lessee :	Hindustan Copper Limited
Address of lessee :	TAMRA BHAVAN ,1,Ashutosh Chowdhury Avenue,	Phone of lessee :	033-22832623
Email of lessee :	Sukanya_c@hindustancopper.com	Fax Number :	N/A
Village :	Teelawali	Taluka / Mandal :	Khetri
District :	N/A	Pincode :	700019
State :	Rajasthan	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	1972-12-27	Date of Mining Lease Execution :	1972-12-27
Date of opening in the mine :	1972-12-27		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Sanjiv Kumar Singh	Nominated Owner Address:	BRAJDHAM, 33 , Ballygunge Park Road, Kolkata
Nominated Owner Mobile :	9650991396	Nominated Owner Email :	Sanjivkumarsingh@hindustancopper.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2022-06-09
Mining Engineer Details			
Name of the Mining Engineer :	Sh. Shashikant Bharti	Qualification of Mining Engineer :	B.E. Mining
Address of Mining Engineer :	Khetri Copper Complex, Khetri Nagar, Jhunjhunu, Rajasthan-333504	Phone of Mining Engineer :	7597821147
Email of Mining Engineer :	Shashikant_b@hindustancopper.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2020-08-04		
Geologist Details			
Name of the Geologist :	Dr. Gopal Rathi	Qualification of Geologist :	M.Sc. & Ph.D.(Geology)
Address of Geologist :	Khetri Copper Complex, Khetri Nagar, Jhunjhunu, Rajasthan-333504	Phone of Geologist :	9461089200
Email of Geologist :	Rathi_g@hindustancopper.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2016-10-01		
Mine Manager Details			
Name of the Mine Manager :	Sh. Shashikant Bharti	Qualification of Mine Manager :	B.E. Mining
Address of Mine Manger :	Khetri Copper Complex, Khetri Nagar, Jhunjhunu, Rajasthan-333504	Phone of Mine Manger :	7597821147

Email of Mine Manger :	Shashikant_b@hindustancopper.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2020-08-04		
Mineral(s) granted in lease and proved for mining :	COPPER ORE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2022-12-07 (2022 - 2026)
Method of mining :	Underground	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Nishant Rao
Designation :	Sr. ACOM
Name of the Accompanying Official from Mine :	Virtual Inspection
Designation of the Accompanying Official :	Nil
Type of Inspection :	MCDR
Date of Inspection :	24/03/2025
Review year considered for MCDR Inspection :	2023-2024

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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		0	0	0.000	No Violation	Nil	Nil
4	Number of exploratory Trenches		0	0	0.000	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	9.02	9.02	0.000	No Violation	Nil	Nil
6		G2	51.98	51.95	0.030	No Violation	Nil	Nil
7		G3	0.00	0	0.000	No Violation	Nil	Nil
8		G4	0.00	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)		COPPER ORE - Total Reserve 3180000.00 , Total Resource 10085766.00	COPPER ORE - Total Reserve 3180000.00 , Total Resource 10085766.00	0	No Violation	Nil	Nil

2.3.2 : Development - Underground Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Mode of Entry Shaft/ Adit/Incline/Decline	Mode of Entry : Adit , Length/Depth(m) : 400, Mode of Entry : Decline, Length/Depth(m) : 3435, Mode of Entry : Shaft, Length/Depth(m) : 526	nil	nil	No Violation	As in mine plan it is proposed that working will start only after amalgamation of lease with nearby Kolihan mines ,which is under process	Nil
2	Method of Working	Cut & Fill, Room & pillar Mining, Other	nil	nil	No Violation	As in mine plan it is proposed that working will start only after amalgamation of lease with nearby Kolihan mines ,which is under process	Nil
3	(i)Shaft	,	nil	nil	No Violation	As in mine plan it is proposed that working will start only after amalgamation of lease with nearby	Nil

						Kolihan mines ,which is under process	
4	(ii)Incline/Decline/Ramp	nil	nil	nil	No Violation	As in mine plan it is proposed that working will start only after amalgamation of lease with nearby Kolihan mines ,which is under process	Nil
5	(iii)Raises/Winzes	,	0	nil	No Violation	Nil	Nil
6	(iv)Adit	,	0	nil	No Violation	Nil	Nil
7	(v)Haulage	,	nil	nil	No Violation	Nil	Nil
8	(vi)Cross-Cut	,	nil	nil	No Violation	Nil	Nil
9	(vii)Ore-Drive/Levels	,	nil	nil	No Violation	Nil	Nil
10	Number of stopes under development during the year	1	0	1.000	No Violation	As in mine plan it is proposed that working will start only after amalgamation of lease with nearby Kolihan mines ,which is under process	Nil
11	Number of Levels	nil	nil	nil	No Violation	Nil	Nil

12	Level Interval (in Meter)	nil	nil	nil	No Violation	Nil	Nil
13	Quantum of Ore Generated while Development during the year (inT)	nil	nil	nil	No Violation	Nil	Nil
14	Ore Recovery in the development	nil	nil	nil	No Violation	Nil	Nil
15	Quantity of waste generation in m3	0	0	0.000	No Violation	Nil	Nil

2.4.2 Exploitation - Underground Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of levels for production	Number of Levels : 0	0	0	No Violation	Nil	Nil
2	Number of stopes for production	Number of Stopes : 0	0	0	No Violation	Nil	Nil
3	Quantity of ROM mineral production from stopes	0	0	0.0000	No Violation	Nil	Nil
4	Recovery of salable/usable mineral quantity from ROM production in T)	0	0	0.000	No Violation	Nil	Nil
5	Total Production (Development + stopes)	0	0	0.000	No Violation	Nil	Nil

6	Overall recovery in %	0	0	0.000	No Violation	Nil	Nil
7	Quantity of mineral reject generation	0	0	0.000	No Violation	Nil	Nil
8	Grade of salable/usable mineral quantity	0	0	0.000	No Violation	Nil	Nil
9	Manual / Mechanized method adopted for segregating mineral reject from ROM	0	0	0.000	No Violation	Nil	Nil
10	Any analysis or beneficiation study proposed & carried out for mineral reject	0	0	0.000	No Violation	Nil	Nil
11	Provision of drilling & blasting	Drilling Blasting Proposed	nil	nil	No Violation	Nil	Nil
12	Provision of mining machineries underground	Mining Machineries Proposed	nil	nil	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	Total number of dumps : 1 Dump ID : Not Applicable	nil	nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	na	na	na	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	na	na	na	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	na	na	na	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	na	na	na	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	na	na	na	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	na	na	na	No Violation	Nil	Nil

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)	na	na	na	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	na	na	na	No Violation	Nil	Nil
3	Number of active & Inative dumps	Dump ID : Dump No 1, Dump Type : Waste, Dump Status : Dead , Dump ID : Dump No 2, Dump Type : Waste, Dump Status : Active	nil	0	No Violation	Nil	Nil
4	Number of dead dumps	nil	nil	nil	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	nil	nil	nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	na	na	na	No Violation	Nil	Nil

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2.6.2 : Solid Waste Management - Backfilling (Underground) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	For Underground, Percentage of Waste backfilled underground itself	nil	nil	nil	No Violation	Nil	Nil
2	For Underground, number of exploited stopes under filling/stowing	nil	nil	nil	No Violation	Nil	Nil
3	For Underground, number of exploited stopes abandoned after filling	nil	nil	nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	nil	nil	nil	No Violation	Nil	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 :Chandmari Mine Office, Area : 0.1, No. of Plant : 100 Plantation : Location :Chandmari Mine Office, Area : 0.1, No. of Plant : 100	as proposed	nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	na	na	na	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	nil	nil	nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	yes	yes	nil	No Violation	Nil	Nil

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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	nil	nil	nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	nil	nil	nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	na	na	na	No Violation	Nil	Nil
4	For Underground, compliance of Rule 16 (Sub-grade mineral is below cut-off value for the lease) - Sub-grade generation - Sub-grade brought to the surface	na	na	na	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	na	na	na	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	Not Proposed	na	nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	nil	nil	nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	na	na	na	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 100, Survial Rate : 50	as proposed	nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	na	na	na	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 - February 2025 - Submitted on : 2025-03-05	M.R. Submitted uptoFebruary-2025 dated 07.03.2025 A.R. Submitted for F.Y. 2023-24 dated 26.06.2024	nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	proposed	Sh Shashikant Bharti (Mining engineer) & Sh Gopal rathi Geologist	nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	no	no	nil	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	na	na	na	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	na	na	na	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	nil	nil	nil	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	3	nil	No Violation	Nil	Nil

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

S.N.	Reports File	Remark File Description
1	Nil	As in mine plan it is proposed in mining chapter that working will start only after amalgamation of lease with nearby Kolihan mines ,which is under process .Right now mines is in non working category .So production being done FY 2023-24

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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
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Esigned by: Nishant Rao
Date: 26/03/2025 03:32:16 PM