

MCDR INSPECTION REPORT**General**

S. N.	Particulars	Details
1	Name of the Mine	Boria Tibbu Iron Ore Mine
2	Date of Inspection:	31.12.2024
3	Name of Inspecting Officer	Shri S. K. Mahapatra, (Assistant Controller of Mines)
4	Name of official accompanying inspection	Shri Ganga Ram Verma, Agent
5	Last date of Inspection & Officer	04.06.2022, Shri D Upadhyay, DCOM
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	110 Ha. (Forest Land)
7	Mine code	30CHG15001
8	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4342/2011
9	Name of the lessee, Address, phone, email and fax number	Godawari Power & Ispat Limited , Plot no. 428/2, Phase -1, Industrial area,Siltara Raipur-493111 (C.G.)
10	Village	Boria Tibbu
11	Taluka/Mandal	Khadgaon
12	District	Mohla-Manpur-A.Chowki
13	Pin code	491229
14	State	Chhattisgarh
15	Post office	Khadgaon
16	Nearest police station	Khadgaon
17	Nearest Railway station	Dallirajhara
18	Date of Grant of Mining Lease	15.03.2010
19	Date of Execution	15.03.2010
20	Date of opening of Mine	22.02.2014
21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Vinod Pillai Plot no. 18, Sapphire Greens, Saddu, Vidhan Sabha Road, Raipur, Phone - 0771-4082706, fax - 0771-4057601,Email id vinod.pillai@hiragroup.com Date of Appointment - 28.07.2009 Shri Ganga Ram Verma H.N0. - 168, Capital City Phase 1 Saddu Raipur
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Phone No 07714082765/ Email-id gangaram.verma@hiragroup.com Date of Appointment - 11.09.2019 Shri Hemant R Upate
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Village - Boria Tibbu , District- Mohla -Manpur -A.Chowki. Mo. No. 9420594674 Date of Appointment- 01.05.2015 Shri Hemant R Upate
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Village - Boria Tibbu , District- Mohla -Manpur -A.Chowki. Mo. No. 9420594674

S. N.	Particulars	Details
25	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Date of Appointment- 06.12.2016 Shri Kanwaljit Singh Village – Boria Tibbu , District- Mohla -Manpur –A.Chowki. Mo. No. 9009771241 Date of Appointment- 01.04.2012
26	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	Yes they are carrying out their duties as per rule 56 & 57
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review of Mining Plan approval date 19.03.2020, five year period from, 01.04.2020 to 31.03.2025 No specific Conditions have been mentioned.
28	Mineral(s) granted in lease and proved for mining	Iron Ore
29	Method of Mining(Open cast, Underground)	Open cast
30	Category (Fully Mechanised, Others or Manual)	“A” Fully Mechanized
31	Captive/Non Captive	Captive
32	Present EC Status	EC is granted for 0.705 Million Ton per annum production.
33	Status of Financial Assurance	Financial Assurance of Rs 24022800 by way of bank Guarantee which were valid up to 31.03.2025

Exploration

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
1a	Backlog of previous year	Nil	Nil	Proposal was nil in FY 2023-24. Total 20 boreholes were proposed in FY 2020-21 & FY 2021-22. Total 31 nos. of boreholes were drilled against the proposal.
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed	Nil	Entire potentially Mineralised area has been explored in G1 Level

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
1e	Balance reserves as per latest approved document	Reserve - 58.15 Million Tonne Resource - 28.31 Million Tonne as on 31.03.2024.	Reserve - 58.15 Million Tonne Resource - 28.31 Million Tonne as on 31.03.2024..	Mine was non working during the year 2023-24
1f	General remarks of inspecting officer on geology, exploration etc.			The mine was non-working during the year 2023-24. Temporary discontinued from 10.10.2022. Notice submitted to IBM in time.

Development

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
2a	Location of development w.r.t. lease area	2262251N to 2262815N & 492300 E to 492825E	Nil	Mine was under temporary discontinuance from 10.10.2022
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Yes	Nil	
2c	Stripping ratio or ore to OB ratio	1:4 (T/ Cum)	Nil	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	85420.00	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc			The mine was non-working during the year 2023-24. Temporary discontinued from 10.10.2022. Notice submitted to IBM in time.

EXPLOITATION

SN.	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
3a	Number of pits proposed for production	1	Nil	
3b	Quantity of ROM mineral production proposed	345000	Nil	Mine was under temporary discontinuance
3c	Recovery of salable/usable mineral from ROM production	90%	Nil	
3d	Quantity of mineral reject generation	100 tonne	Nil	
3e	Grade of mineral reject generation and threshold value declared	Avg. Grade 35.05 % Fe, Threshold value declared : 15%	Nil	
3f	Quantity of sub-grade mineral generation	295000 tonne	Nil	
3g	Grade of sub-grade mineral generation	Avg. 35 %Fe	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Nil	
3j	Provision of drilling & blasting in mineral benches	Deep hole drilling by 115 mm dia Drill at 1.5 to 2.0 m burden & 2 to 2.5 m spacing, 83 mm cartridge slurry explosives for blasting	Nil	
3k	Provision of mining machineries in mineral benches	Excavators : 1.8 – 3.5 cu. M Tippers : 25t/31t Drill : 115/150 mm Dozer, Grader, Water Tankers, Rock breakers, wheel loaders etc.	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes (8 meter)	Yes (8 m)	Violation of Rule 11(1) of MCDR issued on 08.01.2025 benches are not developed as per the proposal.

SN.	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
3m	Total area covered under excavation/pits	16.97 Ha.	16.97 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	4:1 (Cum/t)	Nil	
		Type of land use	Area put to use as per Approved Plan Period	Existing Area put into use as on 31.03.2024
		(a)		
		Mining	16.971	16.971
		Mineral storage	7.034	2.150
		Mineral Beneficiation plant	3.926	1.081
3o	Total area put in use under different heads at the end of year	Township area	0.000	0.000
		Tailing pond	0.000	0.000
		Railways	0.000	0.000
		Roads	5.138	5.410
		Infrastructure (Office, Rest shelter & pumping station)	1.901	1.901
		Overburden dump	45.106	52.057
		Total Area Put to Use	80.076	79.570
	Production of ROM mineral during last six-year period, as applicable	Year	ROM Production, Tonnes	
			Proposal	Actual
3p	2019-20	2019-20	495041.00	291698.81
	2020-21	2020-21	325000.00	0.00
	2021-22	2021-22	285000.00	206778.90
	2022-23	2022-23	308000.00	190479.75
	2023-24	2023-24	345000.00	0.00
3q	General remarks of inspecting officer on method of	The mine was non-working during the year 2023-24. Temporary discontinued from 10.10.2022. Notice submitted to IBM in time. Opening notice submitted for opening of mines with effect from 06.10.2024. Violation of Rule 11(1) of MCDR issued on 08.01.2025 benches are not developed as per the proposal. vertical highwall (bench) of more than 15 meters and width less than 06 meters at places.		

Solid Waste management-Dumping

SN.	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
4a	Separate dumping of topsoil, OB & mineral reject (Rule 33, 37)	Yes,	Nil	Mine was under temporary discontinuance
4b	Location of topsoil, OB & mineral reject dumps	492204 E to 492590 E & 2262714 N to 2263182 N	Nil	
4c	Number of dumps within lease area and outside lease area	Within Lease : 4 Outside Lease : Nil	Within Lease : 4 Outside Lease : Nil	
4d	Location of dumps w.r.t. ultimate pit limit	492204 E to 492590 E & 2262714 N to 2263182 N	Nil	OB Generation was Nil as Mine was under temporary discontinuance
4e	Number of active & alive dumps	04	04	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilized	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management	The mine was non-working during the year 2023-24. Temporary discontinued from 10.10.2022. Notice submitted to IBM in time. Opening notice submitted for opening of mines with effect from 06.10.2024.		

Solid Waste Management-Backfilling

SN.	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Proposed	Nil	The area is not fully exhausted for backfilling, reclamation, etc
5b	Area under backfilling of mined out area	Not Proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Not Proposed	Nil	
5d	Total area fully reclaimed & rehabilitated	2.17 Ha. (Plantation in Waste Dump)	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The mine was non-working during the year 2023-24. Temporary discontinued from 10.10.2022. Notice submitted to IBM in time. Opening notice submitted for opening of mines with effect from 06.10.2024.		

SN.	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
				The area is not fully exhausted for backfilling, reclamation, etc

Progressive Mine Closure Plan

SN	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2).	Yes	Yes, timely submitted.	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	Not Proposed	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Not Proposed	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation proposed in Dump Area 2.17 Ha.	Plantation carried out in Waste Dump.	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Complied	Environmental monitoring carried out	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			Environmental monitoring carried out. Air quality, Surface Water, Ground water & Noise level monitoring carried out. All parameters are within limits

Mineral Conservation

SN.	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanized	Nil	
7c	Different grade of mineral sorted out at mines	-55% Fe	Nil	
7d	Any beneficiation process at mines	Crushing, screening	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The mine was non-working during the year 2023-24. Temporary discontinued from 10.10.2022. Notice submitted to IBM in time.		

Environment

SN.	Item	Proposals for 2023-24	Actual work during 2023-24	Remark
8a	Separate removal and utilization of topsoil (Rule 36)	Not proposed	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Yes	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Plantation of 5425 Plants proposed over 2.17 Ha. In Dump area.	Plantation of 6400 Plants carried out	of
8f	Baseline information on existence of plantation & additional Plantation done	Plantation of 5425 Plants proposed over 2.17 Ha. In Dump area.	Plantation of 6400 carried out	of
8h	Water sprinkling on roads to control airborne dust	Yes	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The mine was non-working during the year 2023-24. Temporary discontinued from 10.10.2022. Notice submitted to IBM in time.		

Compliance of Rule 45

S.N.	Item	COMMENTS	Remarks
------	------	----------	---------

9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto November 2024 A.R. Submitted upto F.Y. 2023-24		
S.N.	Item	Details given in A.R. for the year 2023-24	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mr. Hemant Upate, Mining Engineer, Mr. Kanwaljit Singh Dhaliwal, Geologist Mr. Hemant Upate, Mines Manager	Mining Engineer, Geologist & Mines Manager were present during inspection.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Mining (Pit) :- 16.97 ha Used for waste disposal: 52.057 ha Occupied by plant, buildings, residential, welfare buildings and roads:- 10.546 ha Safety Barrier: 4.918 ha	AS per AR.	
9d	Scrutiny of Annual return on afforestation	Plants in side area: 6400 plants, Out side :- 1500 Plants	AS per AR.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing stock: 11546.52 Tonne	AS per AR. Below 55% Fe.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NIL		
9i	Scrutiny of Annual return on fixed assets	Value of Fixed Assets* (₹ 467967)		
9k	Scrutiny of Annual return on mining machineries	Machinery:- Nil		

10. Drone Survey Information and data thereof.

Drone survey data uploaded timely on website.

11. Status of compliance of MCDR, 2017 including therewith the rectification of outstanding violation of the rules.

- (i) No violation was pointed during previous inspection.
- (ii) Violation of Rule 11(1) & 11(4) pointed during current inspection and violation letter issued on 08.01.2025.

Date: 10.01.2025

(संजय कुमार महापात्र)
सहायक खान नियंत्रक
भारतीय खान ब्यूरो