

MCDR INSPECTION REPORT 2022-23

General:

Sl .No.	Particulars	Details
1	Name of the Mine	Dalli Iron Ore Mine (Manual)
2	Date of Inspection:	20/06/2023
3	Name of Inspecting Officer	Shri Debadurllav Dash
4	Name of official accompanying inspection	Shri P.M. Shirpurkar, GM I/c cum Agent, Shri Pankaj Kumar, DGM cum Mine Manager, Shri S. Raza, DGM (Geology) Shri Praveen Marathe, Geologist
5	Last date of Inspection & Officer	02/06/2022 & Shri Dayanand Upadhyay , Sr.ACOM
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	100.0 Forest Land
7	Mine code	30MPR13001
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/5662/2011
9	Name of the Lease, Address, Phone, email and fax number	Dalli Forest Range Lease Dalli-Rajhara and Dondi Tehsil, Balod District, Pin:-491228 9407980684
10	Village	Mayurpani
11	Taluka/Mandal	Dondi
12	District	Balod
13	Pin code	491228
14	State	Chhattisgarh
15	Post Office	Dalli Rajhara
16	Nearest Police Station	Dalli Rajhara
17	Nearest Railway Station	Dalli Rajhara
18	Date of Grant of Mining Lease	21.8.2003 to 20.8.2023 on 03.01.2005
19	Date of Execution	27.08.1963 & 28/02/1999& 27/04/2008
20	Weekly day of rest	Monday
21	Date of opening of Mine	15.11.1965
22	Date of First Renewal, if applicable and its period & expiry	27.8.1983 to 26.8.2003 for 155 Hect. Vide letter no. 3-71/83/12/1 dated 22.8.1998
23	Date of Second Renewal, if applicable and its period & expiry	21.8.2003 to 20.8.2023 for 100 Hect vide letter no. F 3-46/2003/12 dtd. 03.01.05
24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not applicable.
25	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Anirban Dasgupta, Director In- Caharge, Bhilai Steel Plant, Steel Authority of India Limited (SAIL) Ispat Bhawan, Bhilai Steel Plant, Bhilai , Phone No – 0788 2200999, 2862001, Fax:- 0788-2862001, E-mail:- directoricsp@sail.in , Appointment- 31.07.2020
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri PM Shirpurkar, Dalli Iron ore Mine(Manual), Dalli Administrative Office, Dalli-Rajhara Dist.: Balod, State Chhattisgarh , Pin-491228, Phone: 9407983609, Appointment date:-04.08.2020

27	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Saurabh Kumar, Dalli Iron ore Mine (Manual), Dalli Administrative Office, Dalli-Rajhara Dist.: Balod, State Chhattisgarh , Pin-491228, Phone: 9407980684, Appointment- 01.04.2019
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Saurabh Kumar, Dalli Iron ore Mine (Manual), Dalli Administrative Office, Dalli-Rajhara Dist.: Balod, State Chhattisgarh , Pin-491228, Phone: 9407980684, Appointment- 01.04.2019
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
30	Date of Approval of Mine Plan/Modified Mine Plan with five-year period and specific condition in approval letter, if any.	Mining Plan approved vide letter no. DRG/FE/MPNL-65/NGP on dated 22.05.2003.
31	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 approved vide letter no. DRG/FE/MPNL-65/NGP dated 11.07.2016 for the period from 2014-15 to 2018-19 Review of Mining Plan approved vide letter सं/लौह/ख्यो-1201/2018-रायपुर/73 dated 03.05.2019 for the period from 2019-20 to 20.08.2023 Draft Review of Mining Plan for subsequent period from 2023-24 to 2027-28 submitted to this office and under processing stage.
32	Mineral(s) granted in lease and approved for Mining	Iron Ore (Hematite)
33	Method of Mining (Opencast, Underground)	Opencast
34	Category (Fully Mechanized, Others or Manual)	Fully Mechanized "A"
35	Captive/Non-Captive	Captive
36	Present EC Status	Not Available
37	Status of Financial Assurance	Bank guarantee of RS 2,58,00,000 (Rupees Two crore fifty eight lakhs only) NO BG EXTN.NO. 1731317BG1000744 DT.-2.4.2019 VALID UP TO 20.08.2023 Additional Bank guarantee as per rule submitted17200000.00

Scientific Mining: Compliance of proposals of approved Mining Plan/Review of Mining Plan:

1.0 Exploration:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
1a	Backlog of previous year Proposals	Nil	Nil	Mining operations have been discontinued since 22.02.2017
1b	Exploration over lease area for Geological axis 1 or 2.	G1	Nil	-do-

1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not specified	Nil	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G1- 82.18 G2- 17.82		-do-
1e	Balance reserves as on 01.04.2023	2,691,071 tonnes		As per Annual Return for the year 2022-23
1f	General remarks of Inspecting officer on geology, exploration etc.	Exploration in form of 10 core boreholes during the year 2019-20 and 19 core drills during the year 2020-21 were proposed, which have not been carried out. Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017. Due to non-working nature of the lease, violation of Rule 11(1) of MCDR, 2017 is not pointed out.		

2.0 Development:

S.N	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
2a	Location of Development w.r.t. lease area	E 2100- 2900 N 7400- 7900	Nil	Mining operations have been discontinued since 22.02.2017
2b	Separate benches in topsoil overburden and mineral (Rule 15)	NA	NA	-do-
2c	Stripping ratio or ore to OB ratio	1:3	Not Available	
2d	Quantity of topsoil generation in m ³	NA		Mine is Temporary closed due to administrative reason
2e	Quantity of overburden generation in m ³	2022-23 - 55200	NA	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017.		

3.0 Exploitation:

S.N	Item	Proposals (2022-23) - NA	Actual Work (2022-23) - NA	Remarks
3a	Number of pits proposed for production	01	Nil	Mining operations have been discontinued since 22.02.2017
3b	Quantity of ROM mineral production proposed	2022-23 - 341071 T 350000 T Generated fines (for both the year)	Nil	-do-
3c	Recovery of Salable/usable mineral	NA	NA	-do-

	from ROM production			
3d	Quantity of mineral reject generation	Nil	Nil	-do-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-do-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-do-
3g	Grade of sub-grade mineral generation	Nil	Nil	-do-
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	NA	-do-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NO	No	-do-
3j	Provision of drilling & blasting in mineral benches	Departmental drilling & Blasting	Nil	-do-
3k	Provision of mining machineries in mineral benches	Contractual	Nil	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	Yes	-do-
3m	Total area covered under excavation /pits	Not specified	41.83 ha ha	-do-
3n	Ore to OB ratio for the pit/mine during the year	1:3.53	Nil	-do-
3o	Total area put in use under different heads at the end of year	Not specified.	Covered under current (O-C) Workings: 41.83 ha, Reclaimed-rehabilitated- 28.98ha, Used for waste disposal: 9.45ha, Occupied by plant, buildings, residential, welfare buildings and roads: 3.210ha, Used for any other purpose (specify) Mineral Stack: 10.32ha	-do-
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2022-23- 341071 T and 350000 T GF	Nil	-do-
		2021-22= 325000 T and 350000 T (GF)	Nil	
		2020-21= 325000 T and 350000 T (GF)	Nil	
		2019-20= 250000 T and 350000 T (GF)	Nil	

		2018-19= 128000T and 872000 T (GF)	Nil	
3q	General remarks of inspecting officer on method of mining etc	Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017. No mineral production and dispatch have been reported from the mine and the lease is going to expire on 20.08.2023. A letter seeking clarification regarding status of the lease considering provision of Section 4 A (4) of MMDR Amendment Act, 2021 has been sought from the State Government vide this office letter dated 25.07.2023.		

4.0 Solid Waste Management-Dumping:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	2022-23- Nil	NA	Mining operations have been discontinued since 22.02.2017
4b	Location of topsoil, OB & mineral reject dumps	NA	NA	
4c	Number of Dumps within lease area and outside lease area	NA	NA	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of Active & Alive dumps	NA	NA	
4f	Number of dead dumps	NA	NA	
4g	Number of dumps established	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management	The generated waste was proposed for dumping on eastern waste dump and exhausted benches on western side, which have not been carried out due to non-working nature of the mine. Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017.		

5.0 Solid Waste Management-Backfilling:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	2022-23 – 1258000 T	Nil	Mining operations have been discontinued since 22.02.2017
5b	Area under backfilling of mined out area	10.29	Nil	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	No top soil generation envisaged.
5d	Total area fully reclaimed & rehabilitated	6.4 Ha	NIL	Mine is non-working
5e	General remarks of inspecting officer on backfilling, reclamation etc	Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017.		

6.0 Progressive Mine Closer Plan:

S. N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2)	2022-23-	Yet to be submitted	Mining operations have been discontinued since 22.02.2017
6b	Management of worked/mined out benches	2.7 ha	Nil	-do-
	Area available for rehabilitation (Ha)	Nil	Nil	-do-
	Afforestation done (ha)	9.1 ha	Nil	-do-
	No. of saplings planted during the year	20950	Nil	-do-
	Cumulative no. of plants	Nil	Nil	-do-
	Any other specific method of rehabilitation	NA	Nil	-do-
	Cost incurred on watch & care during the year	Nil	Nil	-do-
6c	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L*B*D) Void filled by waste/tailings Afforestation on the backfilling Rehabilitation by making water reservoir	2022-23-2.7ha Western backfill	Nil	-do-

	Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	20950	Nil	-do-
6e	Compliance of Environment monitoring (core zone & buffer zone)	Nil	Nil	-do-
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017.		

7.0 Mineral Conservation:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Grade-wise sorting	Nil	Mining operations have been discontinued since 22.02.2017
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Nil	
7c	Different grade of mineral sort out at mine	+45% Fe	Nil	
7d	Any beneficiation process at mines	Not proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017.		

8.0 Environment:

S.N.	Item	Proposals (2022-23)	Actual Work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Nil	Nil	No top soil generation is envisaged.
8b	Concurrent use or storage of topsoil	Nil	Nil	-do-
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed	Nil	Mine is non-working
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed 2.70 ha	Nil	-do-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	External waste dump-6.40 ha, exhausted benches of western side- 2.70	Nil	-do-

		ha		
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	During 2022-23-20950 Cumulative - 73450	Nil	-do-
8g	Survival rate	Not mentioned	Nil	-do-
8h	Water sprinkling on roads to control airborne dust	Proposed	Nil	-do-
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Mining operations was discontinued since 22.02.2017 due to lack of Environment clearances and administrative reason. Notice of discontinuance is submitted on 24.05.2017.		

9.0 Compliance of Rule 45:

S N	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to April 2023 AR submitted up to 2023	
S N	Item	Details Given in A.R.	Observation of I/Officer
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : Shri - Saurabh Kumar Geologist: Shri S.N.Tripathi	Both were present during the inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings: 41.83 ha, Reclaimed-rehabilitated-28.98ha, Used for waste disposal: 9.45ha, Occupied by plant, buildings, residential, welfare buildings and roads: 3.210ha, Used for any other purpose (specify) Mineral Stack: 10.32ha	Appears to be correct.
9d	Scrutiny of Annual return on afforestation	Nil	-do-
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	-do-
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Opening stock- 0, Closing stock-0	Mine is non-working
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production	Nil	-Do-

	costs			
9i	Scrutiny of Annual return on Fixed assets	Rs 400000 for land	Appears to be correct.	
9k	Scrutiny of Annual return on mining Machineries	Nil	Mine is non-working	

10- Details of violations observed during last inspection and the compliance status.

During the previous inspection of the mine on dated 02.06.2022 by Shri Dayanand Upadhaya , Sr. ACOM, no violation is pointed out.

During the current inspection, no violation is pointed out due to non-working nature of the mine.

Date: DD/MM/YYYY

Signature:

Name: (Debadurllav Dash)

Designation: Regional Mining Geologist