

MCDR INSPECTION REPORT

General

Date of Inspection: 25/06/2024

Sl. No.	Particulars	Details
1.	Name of the Mines	Sosopi Iron Mine (31.984 Ha)
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	31.984 Ha a. Forest Land – 31.984 ha b. Non-Forest Land- <ul style="list-style-type: none">• G.M Land- Nil• Raiyati Land- Nil Others- Nil
3.	Mine code	30JHK18012
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/7207/2011
5	Name of the lessee, Address, Phone, email and fax number	Kushal Arjun Rathore Near Head Post Office Chaibasa Chaibasa Thana – Chaibasa, District – West Singhbhum, Pin -833201 State – Jharkhand. Phone No. : 9431107925 Email id: 100kapil111@gmail.com
6	Village	Noamundi
7	Taluka/Mandal	Noamundi
8	District	West Singhbhum
9	Pin code	833217
10	State	Jharkhand
11	Post Office	Noamundi
12	Nearest Police Station	Noamundi
13	Nearest Railway station	Noamundi
14	Date of Grant of Mining Lease	11/11/1979
15	Date of Execution	11/11/1979
16	Date of Opening of Mine	11/11/1979
17	Date of First Renewal, if applicable and its period & expiry	06.11.1998
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email ,fax number and date of appointment	NA
21	Name of the Mine Agent with Address, phone email, fax number and date appointment in mines.	Mithilesh Kumar Flat no. A2 Harimati apartment Burdwan compound, LaLpur Ranchi, Jharkhand 834001

		Date of appointment 05/04/2024
22	Name of the Mines Manager with Address, Phone, email, fax number and date of appointment	Not appointed as mine is closed since 1999
23	Name of the mining engineer, qualification and total experience with Address, phone, email, fax number and date of appointment in Mines.	Not appointed as mine is closed since 1999
24	Whether Geologist and Mining Engineer appointed in Mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Not appointed as mine is closed since 1999
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	approved on 08.01.2008 vide letter no. KOL/SB(W)/Fe/MP-624 BY IBM.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	KOL/SB(W)/Fe/MP-62 4, Vol-II, dated 06.03.2017
27	Mineral(s) granted in lease and proved for mining	Iron ore
28	Method of Mining(Open cast, Underground)	Open Cast
29	Category (Fully Mechanized, Others or Manual)	Others
30	Captive/Non Captive	Non-Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	No proposal	Nil	mine is non-working since 1999
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	No work done	mine is non-working since 1999
1c	Exploration Agency & Expenditure in lakh Rupee during the year	No proposal	Nil	mine is non-working since 1999
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	mine is non-working since 1999
1e	Balance reserves as on 01.04.2017	-	1097100 T	Resources assessed on 01.04.2027

1f	General remarks of inspecting officer on geology, exploration etc.	Mines is non-working since 1999 and have no valid/ approved mining plan.
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Development

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t lease area	No proposal	No work done	mine is non-working since 1999
2b	Separate benches in top soil, overburden and mineral (Rule 15)	No proposal	No work done	mine is non-working since 1999
2c	Stripping ratio or ore to OB ratio	No proposal	No work done	mine is non-working since 1999
2d	Quantity of topsoil generation in m ³	No proposal	No work done	mine is non-working since 1999
2e	Quantity of overburden generation in m ³	No proposal	No work done	mine is non-working since 1999
2f	General remarks of inspecting officer on development etc.	No development has been done as mine is non- working since 1999		

Exploitation

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposal for production	No proposal	No work done	No production has been done as mine is non-working since 1999
3b	Quantity of ROM mineral production proposed (cum)	No proposal	No work done	No production has been done as mine is non-working since 1999
3c	Recovery of salable/usable mineral from ROM production	No proposal	No work done	No production has been done as mine is non-working since 1999
3d	Quantity of mineral reject generation	No proposal	No work done	No production has been done as mine is non-working since 1999
3e	Grade of mineral reject generation and threshold value declared	No proposal	No work done	No production has been done as mine is non-working since 1999
3f	Quantity of sub-grade mineral generation	No proposal	No work done	No production has been done as mine is non-working since 1999

3g	Grade of sub-grade mineral generation	No proposal	No work done	No production has been done as mine is non-working since 1999
3h	Manual/Mechanized method adopted for segregating from ROM	No proposal	No work done	No production has been done as mine is non-working since 1999
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	No work done	No production has been done as mine is non-working since 1999
3j	Provision of drilling & blasting in mineral benches	No proposal	No work done	No production has been done as mine is non-working since 1999
3k	Provision of mining machineries in mineral benches	No proposal	No work done	No production has been done as mine is non-working since 1999
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	No work done	No production has been done as mine is non-working since 1999
3m	Total area covered under excavation/pits	No proposal	No work done	No production has been done as mine is non-working since 1999
3n	Ore to OB ratio for the pit/mine during the year	No proposal	No work done	No production has been done as mine is non-working since 1999
3o	Total area put in use under different heads at the end of year	No proposal	No work done	No production has been done as mine is non-working since 1999
3p	Production of ROM mineral during last five-year period, as applicable	PROPOSED	ACTUAL	No production has been done as mine is non-working since 1999
		2019-20: 600360 T	2018-19: nil	
		2020-21: 600300 T	2019-20: nil	
		2021-22: 600210 T	2020-21: nil	
		2022-23: NA	2022-23: nil	
2023-24: NA	2023-24: nil			
3q	General remarks of inspecting officer on method of mining etc.	Method of mining is opencast with combination of Shovel and dumper. However, no mining activity has been done as the mine is closed since 1999		

Solid Waste Management-Dumping

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a.	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No proposal	No work done	Mine is non-working since 1999

4b	Location of topsoil, & OB & mineral reject dumps	No proposal	No work done	Mine is non-working since 1999
4c	Number of dumps within lease area and outside lease area	No proposal	No work done	Mine is non-working since 1999
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	No work done	Mine is non-working since 1999
4e	Number of active & alive dumps	No proposal	No work done	Mine is non-working since 1999
4f	Number of dead dumps	No proposal	No work done	Mine is non-working since 1999
4g	Number of dumps stabilized	No proposal	No work done	Mine is non-working since 1999
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	No work done	Mine is non-working since 1999
4i	Length of Retaining wall or garland drain all along dump	No proposal	No work done	Mine is non-working since 1999
4j	Number of settling ponds	No proposal	No work done	Mine is non-working since 1999
4k	Specific comments of inspecting officer on waste dump management	No mining activity has been done during the report FY as mine is non-working since 1999		

Solid Waste Management-Backfilling

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	No work done	Mine is non-working since 1999
5b	Area under backfilling of mined out area	No proposal	No work done	Mine is non-working since 1999
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	No work done	Mine is non-working since 1999
5d	Total area fully reclaimed & rehabilitated	No proposal	No work done	Mine is non-working since 1999
5e	General remarks of inspecting officer on backfilling, reclamation etc.	No mining activity has been done during the report FY as mine is non-working since 1999		

Progressive Mine Closure Plan

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20	No proposal	No work done	Mine is non-working since 1999
6b	Management of worked/mined out benches	No proposal	No work done	Mine is non-working since 1999
	i) Area available for rehabilitation (ha)	No proposal	No work done	Mine is non-working since 1999
	ii) Afforestation done (ha)	No proposal	No work done	Mine is non-working since 1999
	iii) No. of sapling planted during the year	No proposal	No work done	
	iv) Cumulative no. of plants	No proposal	No work done	
	v) Any other specific method of rehabilitation	No proposal	No work done	Mine is non-working since 1999
	vi) Cost incurred on watch & care during the year	No proposal	No work done	Mine is non-working since 1999
6c	Compliance on reclamation and rehabilitation by back filling	No proposal	No work done	Mine is non-working since 1999
	i) Voids available for backfilling	No proposal	No work done	Mine is non-working since 1999
	(LxBxD	No proposal	No work done	Mine is non-working since 1999
	ii) Void filled by waste/tailings	No proposal	No work done	Mine is non-working since 1999
	iii) Afforestation on the backfilled area	No proposal	No work done	Mine is non-working since 1999
iv) Rehabilitation by making water reservoir	No proposal	No work done	Mine is non-working since 1999	

	v) Any other specific means	No proposal	No work done	Mine is non-working since 1999
6d	Compliance of Rehabilitation of waste land within lease	No proposal	No work done	Mine is non-working since 1999
	i) Afforestation	No proposal	No work done	Mine is non-working since 1999
	ii) Area rehabilitated (ha)	No proposal	No work done	Mine is non-working since 1999
	iii) Method rehabilitation	No proposal	No work done	Mine is non-working since 1999
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal	No work done	Mine is non-working since 1999
6f	General remarks of inspecting & progressive closure operations.	No mining activity has been done during the report FY as mine is non-working since 1999		

Mineral Conservation

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	No work done	Mine is non-working since 1999
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	No work done	Mine is non-working since 1999
7c	Different grade of mineral sorted out at mines	No proposal	No work done	Mine is non-working since 1999
7d	Any beneficiation process at mines	No proposal	No work done	Mine is non-working since 1999
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No mining activity has been done during the report FY as mine is non-working since 1999		

Environment

Sl.No	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No work done	Mine is non-working since 1999
8b	Concurrent use or storage of topsoil	No proposal	No work done	Mine is non-working since 1999
8c	Separate dumps for overburden, waste rock rejects and fines (Rule 33)	No proposal	No work done	Mine is non-working since 1999
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	No work done	Mine is non-working since 1999
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	No work done	Mine is non-working since 1999
8f	Baseline information on existence of plantation & additional plantation done (Rule 42)	No proposal	No work done	Mine is non-working since 1999
8g	Survival rate	No proposal	No work done	Mine is non-working since 1999
8h	Water sprinkling on roads to control airborne dust	No proposal	No work done	Mine is non-working since 1999
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area.	Topography is undulated and elevation varies from 475 MSL to 555 MSL, lease lies in the Noamundi forest range consisting mainly of Sal vegetation.		

Compliance of Rule 45

Sl.No	Item	COMMENTS	Remarks
9a	Status of submission of Monthly and Annual returns	Returns not submitted for the FY 2023-24	Mine is non-working since 1999
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Returns not submitted for the FY 2023-24	Mine is non-working since 1999
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Returns not submitted for the FY 2023-24	Mine is non-working since 1999
9d	Scrutiny of Annual return on afforestation	Returns not submitted for the FY 2023-24	Mine is non-working since 1999

9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Returns not submitted for the FY 2023-24	Mine is non-working since 1999
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Returns not submitted for the FY 2023-24	Mine is non-working since 1999
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost.	Returns not submitted for the FY 2023-24	Mine is non-working since 1999
9h	Scrutiny of Annual return on fixed assets	Returns not submitted for the FY 2023-24	Mine is non-working since 1999
9i	Scrutiny of Annual return on mining machineries	Returns not submitted for the FY 2023-24	Mine is non-working since 1999

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