

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION
MCDR Inspection REPORT
Jabalpur Regional office

Mine code: 30MPR18016

(i)	Name of Inspecting officer	:	Shri Abhishek Ranjan Gautam
(ii)	Designation	:	Assistant Mining Engineer
(iii)	Accompanying mine official with Designation	:	Shri. Sanjay Kumar Tiwari, Lessee representative
(iv)	Date of Inspection	:	17/10/2024
(v)	Previous Inspection date	:	01.11.2023

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	:	Ghadigram Iron Ore Mine
	(b)	Registration Number	:	IBM/12343/2012
	(c)	Category	:	A Category
	(d)	Type of Working	:	Open cast
	(e)	Postal address		
		State	:	Madhya Pradesh
		District	:	Jabalpur
		Village	:	Gandhigram
		Taluka	:	Sihora
		Post Office	:	Gandhigram
		Pin code	:	4832222
		Fax	:	Nil
		email	:	capitalmineralsandmining@gmail.com
		Phone No	:	9669154354
	(f)	Police Station	:	Gopalpur thana
	(g)	First Opening date	:	20/02/2009
	(h)	Weekly day of rest	:	Friday
2		Address for Correspondence		
3	(a)	Lease Area	:	4.50
	(b)	Period of lease	:	20
	(c)	Date of Expiry	:	31/03/2029
4		Mineral Worked (Main)	:	Iron ore
5		Name of address of the Lessee with Phone, email and fax number	:	:Capital minerals and mines Gandhigram shiora 9669154354
		Name of address of the Owner/Nominated Owner with Phone, email, fax number and Date of appointment	:	: Anirudh vishnoi, 36 nayagaonrampurjabalpur9425154232
		Name of address of the Agent with Phone, email, fax number and Date of appointment	:	Nil
		Name of address of the Manager with Phone, email, fax number and Date of appointment	:	Shri Nirmal Singh kurweti 9669145354
		Mining Engineer Name Qualification Date of Appointment	:	Shri Nirmal Singh kurweti BE mining GGDU bilaspur 30/06/2023

4	Geologist Name Qualification, Date of Appointment		Shri Anand Kumar Raikwar MSc geology from RDVV jbp 30/06/2023
6	Date of approval of Mining Plan/Review of Mining Plan etc.	:	18/05/2016 / 01/10/2023

PART- II: OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration

S.No	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Not proposed	Nil	
1b	Exploration over lease area for Geological axis 1 or 2	Proposed to bring the lease area under G1 level	G-2 – 4.5 ha	Proposal approved in recently mining plan.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No Proposal	Not available	
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	Nil	4.5 ha explored in G2 level	
1e	Balance reserves as on 01.04.2024	15383T	21921T	
1f	General remarks of Inspecting officer on geology, exploration etc.	Exploration for g1 level is approved in year 20244-25.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Proposed in Block B C & D	Work done as per proposal	Only 6310 tons Iron ore was Produced during the year 2023-24.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Yes	As per proposal	
2c	Stripping ratio or ore to OB ratio	1:0.18	Nil	
2d	Quantity of topsoil generation in m3	370 Cubic meter	Nil	Working done in depth.
2e	Quantity of overburden generation in m3	-	-	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	For the deviation in proposals Violation has issued under Rule 11(1).		

Exploitation

S. N.	Item	Proposals		Actual Work	Remarks
3a	Number of pits proposed for production	01		Not carried out	Violation is issued under Rule 11(1).
3b	Quantity of ROM mineral production proposed	10096 T		6310 T	
3c	Recovery of Salable/usable minerals from ROM production	10096 T		6310 T	
3d	Quantity of mineral reject generation	Not proposed		Nil	
3e	Grade of mineral reject generation and threshold value declared	Not proposed		Nil	
3f	Quantity of sub-grade mineral generation	Not proposed		Nil	
3g	Grade of sub-grade mineral generation	Not proposed		Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Manual		Manual	
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	Yes		carried out	
3k	Provision of mining machineries in mineral benches	Yes proposed		Reportedly not operated.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes		carried out	
3m	Total area covered under excavation /pits (Ha.)	1.5359		0.97	Violation is issued under Rule 11(1)
3n	Ore to OB ratio for the pit/mine during the year	1:0.04		Nil	
3o	Total area put in use under different heads at the end of year	2.27		1.24	
3p	Production of ROM mineral during last five-years period, as Applicable	Year	Proposed	Actual	
		2022-23	2536	Nil	
		2023-24	10312	6310 T	
3q	General remarks of inspecting officer on method of mining etc.	For the deviation in the production violation has issued under Rule 11(1) for not carrying out the operations a letter has sent to the state government for further action.			

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Proposed to Dump the OB and laterite	carried out	
4b	Location of topsoil, OB & mineral reject dumps	In southern part of the block	carried out	
4c	Number of Dumps within lease area and outside lease area	One	Nil	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	With the UPL	With the UPL	
4e	Number of Active & Alive dumps	One	Nil	
4f	Number of dead dumps	Not proposed	Nil	
4g	Number of dumps established	Not proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	Nil	
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	No comments		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Not Applicable	
5b	Area under backfilling of mined out area	Not proposed	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Not Applicable	

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4	5d	Total area fully reclaimed & rehabilitated (Ha)	Not proposed	Not Applicable	
	5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling neither proposed nor carried out.		

Progressive Mine Closure Plan

S.N.	Item	Proposals	Actual Work	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	Yes	Not carried out	
6b	Area available for rehabilitation (Ha)	Not proposed	Nil	
6c	Afforestation done (ha)	Not proposed	Nil	
6d	No. of saplings planted during the year	150 Nos	150 Nos	
6e	Cumulative no. of plants	Not proposed	Nil	
6f	Any other specific method of rehabilitation	Not proposed	Nil	
6g	Cost incurred on watch & care during the year	Not proposed	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Not proposed	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Not proposed	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	Not proposed	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	Not proposed	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	Not proposed	Nil	
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	Not proposed	Nil	
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	Not proposed	Nil	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Not proposed	Nil	
6p	Compliance of Environment monitoring (core zone & buffer zone)	Quarterly monitoring	Monthly & Quarterly monitoring	

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4 6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Progressive mine closure plan is pursued as per the proposal
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Mineral Conservation (FY 2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Proposed ROM dispatch	As per proposal	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sort out at mine	Proposed	As per proposal	
7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Proposed to dispatch ROM from Mine head .		

Environment (FY 2023-24)

S.N	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Yes	Not carried out	
8b	Concurrent use or storage of topsoil	Yes(Proposed for dumping)	Not carried out	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed separate benches in laterite and iron ore	Not carried out	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Not proposed	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	150 Nos	150 Nos	
8g	Survival rate	Not proposed	Nil	
8h	Water sprinkling on roads to control airborne dust	Proposed	carried out	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is maintained..		

Compliance of Rule 45 (2023-24)

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Submitted on time	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Appointed	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern area are Pit -0.973 Ha. Reclaimed - 0.492 ha Waste disposal - 0.95Ha. Infrastructure -0.22 Ha. Green Belt - 1,464ha	
9d	Scrutiny of Annual return on afforestation	Plantation done Within the lease 150 Outside the lease 10	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No mineral rejects have been generated from the lease area.	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	4796.140 T of iron ore stock is reported.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Wrongly reported.	Violation pointed out
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets Nil	
9k	Scrutiny of Annual return on mining Machineries	Air compressor 1	

S.No	Violation Rule	Date of Violation issued	Compliance received	Date of Show Cause issued	Compliance received
1	Rule 11(1)	08/11/2024	--		27.03.2025
2	Rule 35(2)	08/11/2024	--		27.03.2025
3	Rule 45(7)	08/11/2024	--	27.03.2025	No complied

**Abhishek Ranjan Gautam Senior
Assistant Mining Engineer**