

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

Mine code: 40MPR18013

(i)	Name of Inspecting officer	:	Shri Kathroju Naveen
(ii)	Designation	:	Sr. Assistant Controller of Mines
(iii)	Accompanying mine official with Designation	:	Shri. Indraneel Dhawande Q.P Shri. Nirmal Kurveti Lessee representative
(iv)	Date of Inspection	:	02.11.2023
(v)	Previous Inspection date	:	07.03.2020
(vi)	Reporting Year	:	2022-23

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	:	Gosalpur Iron Ore Mine
	(b)	Registration Number	:	IBM/8534/2012
	(c)	Category	:	A
	(d)	Type of Working	:	Open Cast
	(e)	Postal address	:	Village - Gosalpur
		State	:	Madhya Pradesh
		District	:	Jabalpur
		Village	:	Gosalpur
		Taluka	:	Sihora
		Post Office	:	Gosalpur
		Pin code	:	483222
		Fax	:	-
		email	:	Narayanminerals01@gmail.com
		Phone No	:	7879560131
	(f)	Police Station	:	Gosalpur
	(g)	First Opening date	:	07/11/2011
	(h)	Weekly day of rest	:	Wednesday
2	Address for Correspondence			
3	(a)	Lease Area	:	12.77 Ha.
	(b)	Period of lease	:	20 Yrs.
	(c)	Date of Expiry	:	07/04/2029
4	Mineral Worked (Main)		:	Iron Ore
5	Name of address of the Lessee with Phone, email and fax number		:	M/S Narayan Metal and Minerals Shop no. 3 Bengali Club Market , Karam Chand Chowk , Jabalpur Mob : 9425150894 E-mail : narayanminerals01@gmail.com
	Name of address of the Owner/Nominated Owner with Phone, email, fax number and Date of appointment		:	Mrs. Priyanka Sharma Mob : 9425150894
	Name of address of the Agent with Phone, email, fax number and Date of appointment		:	NA
	Name of address of the Manager with Phone, email, fax number and Date of appointment		:	NA

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	Mining Engineer Name Qualification Date of Appointment	:	Punit Kumar Dhruva B.E. Mining 01/03/20214
	Geologist Name Qualification, Date of Appointment	:	Bhanu Pratap Singh M. Tech (Applied Geology) 01/04/2019
6	Date of approval of Mining Plan/Review of Mining Plan etc.	:	29/02/2024

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	G2 level	Lease area explored under G2 level only	Violation is issued under Rule 12
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Not Available	
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	12.77	12.77	
1e	Balance reserves as on 01.04.2024	Iron Ore 1,25,369 T Mn 21,912 T	Iron Ore 2,77,043 T Mn 51,162 T	
1f	General remarks of Inspecting officer on geology, exploration etc.	As per the last approved Mining plan dated 26/04/2019 the reserves available as on 01.04.2019 were 5,72,563 T Iron Ore and 51662 T of Mn out of which it is proposed to produce		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Proposed in central part of the lease area.	As per the proposal	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Proposed separate benches of 6-7 m.	Bench heights area not maintained	Violation is issued under Rule 11(1).
2c	Stripping ratio or ore to OB ratio	1:0.72	1:0.40	
2d	Quantity of topsoil generation in m3	Not proposed	Nil	
2e	Quantity of overburden generation in m3	53,877 Cu.m	40,000 Cu.m	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Against the deviation in the proposed bench heights violation is issued under Rule 11(1).		

Exploitation

S. N.	Item	Proposals	Actual Work	Remarks	
3a	Number of pits proposed for production	01	01		
3b	Quantity of ROM mineral production proposed	104013 T	97670 T		
3c	Recovery of Salable/usable minerals from ROM production	Not proposed	Not available		
3d	Quantity of mineral reject generation	Not proposed	Not reported		
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Not applicable		
3f	Quantity of sub-grade mineral generation	Not proposed	Not applicable		
3g	Grade of sub-grade mineral generation	Not proposed	Not applicable		
3h	Manual/Mechanized method adopted for segregation from ROM	Not proposed	Not applicable		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Not applicable		
3j	Provision of drilling & blasting in mineral benches	Yes	As per the proposal.		
3k	Provision of mining machineries in mineral benches	Yes	HEMM deployed.		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Bench heights not maintained as proposed	Violation is issued under rule 11(1).	
3m	Total area covered under excavation /pits (Ha.)	1.9227 ha proposed during the plan period.	1.340m reportedly covered.		
3n	Ore to OB ratio for the pit/mine during the year	1:0.72	1:0.40		
3o	Total area put in use under different heads at the end of year	Proposed 6.68 ha during the plan period.			
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	66,215 T	10,750 T	
		2020-21	1,00,337 T	98,700 T	
		2021-22	1,02,375 T	88,900 T	
		2022-23	1,04,013 T	97,670 T	

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3q	General remarks of inspecting officer on method of mining etc.	For the deviation in the bench heights and 7.5m encroachment Violation is issued under Rule 11(1).
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Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Proposed separate dumping	The Minerals tack found contact with the waste dumping form out side	Violation is issued to rectify the stacking to avoid dilution of mineral.
4b	Location of topsoil, OB & mineral reject dumps	Proposed in Northern part of the lease.	Waste dump found extending beyond the lease	Violation is issued under Rule 11(1).
4c	Number of Dumps within lease area and outside lease area	01	01	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	With in UPL	Outside UPL	Violation is issued under Rule 11(1).
4e	Number of Active & Alive dumps	01	01	
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	For the deviation in waste dump location and stack position the violations issued under Rule 11(1).		

Solid Waste Management-

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral	Not proposed	Not Applicable	

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	from mined out area before starting backfilling			
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	
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	Submitted	
6b	Area available for rehabilitation (Ha)	Not proposed	Nil	
6c	Afforestation done (ha)	Not proposed	Nil	
6d	No. of saplings planted during the year	300	Within the lease 234 Outside the lease 100	
6e	Cumulative no. of plants	Not proposed	3100	
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	

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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	
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Backfilling neither proposed nor carried out.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Proposed ROM dispatch	Rom dispatch is practicing	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	Nil	
7c	Different grade of mineral sort out at mine	Not Proposed	Nil	
7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	For the deviation in waste dump location and stack position the violations issued under Rule 11(1).		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	Nil	
8b	Concurrent use or storage of topsoil	Not proposed	Utilizing for plantation.	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed separate benches in laterite and iron ore	Bench heights not maintained	Violation is issued under Rule 11(1).
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)	Not proposed	Within the lease 2100 outside the lease 1000	

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8g	Survival rate	Not proposed	90	
8h	Water sprinkling on roads to control airborne dust	Proposed	As per the proposal.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	For the deviation in waste dump location and stack position the violations issued under Rule 11(1).		

Compliance of Rule 45

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	Mining Engineer: Punith Kumar Geologist : Bhanu prasasd singh chaudary	Date of appointment 01.04.2019
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern area are Pit – 1.340 Ha. Waste disposal – 0.20Ha. Infrastructure -0.128 Ha.	As per AR
9d	Scrutiny of Annual return on afforestation	Plantation done Within the lease 234 Outside the lease 100	
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	7680 T of iron ore stock is reported.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex. Mine Price 491.4/- Sale Value 491.6/-	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets Nil	
9k	Scrutiny of Annual return on mining Machineries	BACK HOE 1.1 cum 02 DUMPER 24 T 04 WATER TANKER 4KL 01	

S.No	Violation Rule	Date of Violation issued	Compliance received	Date of Show Cause issued	Compliance received
1	Rule 11(1)	22.12.2023	--	31.05.2024	13.06.2024
2	Rule 12(4)	22.12.2023	--	31.05.2024	13.06.2024
3	Rule 31(4)	22.12.2023	--	31.05.2024	13.06.2024

Kathroju Naveen
Senior Assistant Controller of Mines