

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

Mine Code : 30MPR07001

(i)	Name of Inspecting Officer	:	Mr. Madhavrao Sabre
(ii)	Designation	:	SMG (Senior Mining Geologist)
(iii)	Accompanying mine official with Designation	:	Rajneesh Mishra (Agent)
(iv)	Date of Inspection	:	18/01/2025
(v)	Previous Inspection date	:	07/01/2023

PART-I : GENERAL INFORMATION

1	(a)	Mine Name	Khera Majora Iron Ore Mines
	(b)	Registration Number	IBM /5866/2011
	(c)	Category	'A' Other (Open Cast)
	(d)	Type of Working	Open cast
	(e)	Postal address	Jindutt Minerals Pvt. Ltd., 06 K.M. Sagar road, Dhadari, Chhatarpur (M.P.)
		State	Madhya Pradesh
		District	Chhatarpur
		Villlage	Khera Majora
		Taluka	Buxwaha
		Post Office	Mudar
		Pin code	471001
		Fax	07682-243885
		Email	Khajurahomineral.sales@gmail.com
		Phone No	07682-241589
	(f)	Police Station	Bajna
	(g)	First opening date	23.02.2017
	(h)	Weekly day of rest	1
2		Address for Corresponding	
3	(a)	Lease Area	4.60 Hectare
	(b)	Period of lease	50 Years
	(c)	Date of Expiry	16.11.2065
4		Mineral Worked (Main)	Fe (Iron Ore)
5		Name of address of the Lessee with Phone, email and fax number	Jindutt Minerals Pvt. Ltd., 06 KM. Sagar road, Dhadari, Chhhatarpur (M.P.) Phone no. - 07682241589 Email – Khajurahomineral.sales@gmail.com Fax No. - 07682243883
		Name of address of the Owner/Nominated Owner with Phone, email, fax number and Date of appointment	Ajaypal Singh Parmar, Add.- 10 - Civil Line, Chhatarpur (M.P.) Phone no. - 9425141532 Email – Khajurahomineral.sales@gmail.com

	Name of address of the Agent with Phone, email, fax number and Date of appointment	Mr. Rajneesh Mishra Add. – Choubey colony, Chhatarpur (M.P.) Phone No. – 9425144496 Email id – khajurahomineral.sales@gmail.com
	Name of address of the Manager with Phone, email, fax number and Date of appointment	Mr. Himanshu Bhushan Behera Add – Shanti nagar colony Chhatarpur (M.P.) Phone No. – 7008045150 Email id – khajurahomineral.sales@gmail.com 16.07.2024
	Mining Engineer Name Qualification Date of Appointment	Mr. Himanshu Bhushan Behera Add – Shanti nagar colony Chhatarpur (M.P.) B.Tech (Mining Engineer) 16.07.2024
	Geologist Name Qualification Date of Appointment	Praveen Kumar Rawat M.Sc. Geology 01.01.2023
6	Date of approval of Mining Plan / Review of Mining Plan etc.	No. E 12775 MCDR-MPC0FE/2/2025-JBP-IBM_RO_JBP dated 17/3/2025

PART – II : OBSERVATION / COMMENTS OF INSPECTING OFFICERS

1. Exploration:

Sl.No.	Items	Proposals	Actualwork	Remarks
1a	Backlog of previous year	0	0	Nil
1b	Exploration over lease Area for Geological axis 1 Or 2.	4.600 Hect.	G1- 4.60 ha G2- 0.00 ha G3- 0.00 ha.	Nil
1c	Exploration agency & Expenditure in Lakh Rupees during the year	Self	Nil	
1d	Balance area to be explored to bring Geological axis 1 or2	Nil	Nil	
1e	Balance reserves as on 01.04.2024.	NA	436693	
1f	General remarks of inspecting officer on geology, exploration etc.	The lease area from a part of the Bijawar Group and comprises iron ore rocks. The litho logical succession based on the exposure in the quarry and bore hole is as under Recent - Lateritic Soil up to 0.10m. Bijawar Group Iron ore - 8 - 26m, Shale Continued. In the lease area the Iron Ore mineralisation is out cropping throughout and the whole 4.60 ha is mineralized. The pit and exposures indicated the presence of somewhat uniform grade of bedded haematite quartzite. The Iron Ore out crops are micaceous hematite intercalated with bands of shale or clay. The thickness of mineralisation varies from 8m to 28m. Lease is explored in G1 category.		

2. Development (2023-24)

Sl.No.	Items	Proposals	Actual work	Remarks
2a	Location of development w.r.t lease area	Centre Part of the lease	As per proposal.	
2b	Separate benches in top soil, over burden and Mineral (Rule15)	No top soil or OB	No top soil or OB	

2c	Striping ration or ore to OB ratio	Nil	Nil	
2d	Quantity of top soil generation in m ³	Nil	Nil	
2e	Quantity of over burden Generation in m ³	3808.25	450	
2f	General remarks of inspecting officer on development of pit w.r.t type of deposit etc.	Development is done in proposed area. Proposed area is devoid of top soil,		

3. Exploitation

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One	One	
3b	Quantity of ROM mineral Production proposed	34274.25	19560	Violation issued for short fall.
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual/Mechanized method adopted for segregating from ROM	Manually	Manually	Manually
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	Nil
3j	Provision of drilling & blasting in mineral benches	20% by short hole	20% by short hole blast	
3k	Provision of mining Machineries in mineral benches	Yes	Yes	
3l	Where height of the benches in overburden and mineral Suitable for method of mining proposed in MP/SOM	6m	Bench Height of 10 m height observed	Violation issued for deviation.
3m	Total area covered under Excavation / pits	3.955 Hect.	2.85 Hect.	As per proposal
3n	Ore to OB ratio for the pit / mine during the year	1 : 0.11	1 : 0.11	
3o	Total area put in use under different heads at the end of year	Pit - 2.85 hect. Dump - 0.29 Hac. Stack - 0.255 Hac. Other - 1.35 Hec.	Pit - 2.85 hect. Dump - 0.29 Hac. Stack - 0.255 Hac. Other - 1.35 Hec	
3p	Production of ROM mineral during the last five year period as applicable	2020-21 - 94057 2021-22 - 102259 2022-23 - 97945 2023-24 - 102823	- - 97700 T 19560 T	
3q	General remarks of inspecting officer on method of mining etc.	Production proposal for 2023-24 not achieved for which violation issued.		

4. SolidWasteManagementDumping:

Sl.No.	Item	Proposals	Actualwork	Remarks
4a	Separate dumping of topsoil, OB & Mineral reject (Rule 32,33).	Yes	Yes	Separate dumping has been done of Waste and Mineral as per rule. No top soil exists.
4b	Location of Top soil,OB & mineral reject dumps	Yes	Top soil utilized in plantation.	
4c	Number of dumps within lease Area and outside lease area	One	One	
4d	Location of dumps w.r.t Ultimate pit limit (Rule16)	Within the UPL	Within the UPL	
4e	Number of active & alive dumps	1	1	
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	150 X 1.5 X 1.5 Mt. Mt. Mt.	150 X 1.5 X 1.5 Mt. Mt. Mt.	Well maintained retain wall has been done available
4j	Number of settling ponds	1	1	1 no of Settling pond
4k	Specific comments of inspecting officer on waste dump management	Earlier produced top soil is utilized in plantation activity. Retaining wall constructed.		

5. SolidWasteManagement–Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before Starting backfilling.	N/A	N/A	
5b	Area under backfilling of Mined out area	Nil	Nil	
5c	Concurrently use of top soil for restoration or rehabilitation of mined out Area (KRule-32)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Full extraction of mineral is yet to be achieved, so backfilling not proposed.		

5. Progressive Mine Closure Plan:

Sl.No.	Item	Proposals (Yr.2022-23)	Actual Work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and Correctly-Rule26	Yes	Submitted	
6b	Area available for rehabilitation (ha)	Nil	Nil	-
6c	Afforestation done (ha)	0.35 hect.	0.645 hect.	-
6d	No. of saplings planted during	100	200	-
6e	Cumulative no. of plants	100	200	-
6f	Any other specific method of rehabilitation	Nil	Nil	-
6g	Costing cured on Watch & care During the year	1		-
6h	Compliance on reclamation and rehabilitation by backfilling (i)Void Available for backfilling (LXBXD).	Nil	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling(ii)Void Filled by waste/tailings.	Nil	Nil	
6j	Compliance reclamation and rehabilitation by backfilling (iii) Afforestation on the Backfilling area	Nil	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling(iv) Rehabilitation by making water reservoir.	Nil	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (Any other specific means	Nil	Nil	
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	Nil	Nil	
6n	Compliance of Rehabilitation of waste land within lease (ii)Area rehabilitation (ha) Method of rehabilitation	Nil	Nil	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Plantation	Plantation	
6p	Compliance of Environmental Monitoring (core Zone & buffer Zone)	Monitoring regularly	As per proposed	
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations etc.	Very systematic plantation done in 7.5 m barrier.		

6. Mineral Conservation:

Sl.No.	Item	Proposals	Actualwork	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM total	As per proposal	
7b	Method of grade-wise mineral Sorting i.e. manual or mechanical	Manually	Manually	
7c	Different grade of minerals sorted Out at mines	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer of Mineral conservation & beneficiation issues	Lease is in forest area, ROM dispatch done.		

7. Environment:

Sl. No.	Item	Proposals	Actualwork	Remarks
8a	Separate removal and utilization Of top-soil (Rule32)	No top soil exists.	No top soil exists.	
8b	Concurrent use or storage of top-soil	No top soil exists.	No top soil exists.	Earlier produced top soil utilized in Plantation.
8c	Separate dumps for overburden, waste rock, reject and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock reject and fines dumps for restoring the land to its original use	Nil	Nil	
8e	Phased restoration, reclamation and Rehabilitation of lands affected by mining operations(pits, dumps etc)	Nil	Nil	
8f	Base line information on existence of plantation & additional plantation done(Rule 41)	Year wise done	As per proposal	
8g	Survival rate	90%	90%	
8h	Water sprinkling on roads to control airborne dust	Yes done	Yes done	
8i	General remarks of inspecting officer on a esthetic beauty in and Around mines are	Earlier produced Top soil used in plantation. Water sprinkling done on haul roads to check pollution by dust.		

8. Compliance of Rule 45.

Sl. No.	Item	Proposals	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	Yes Mining Engineer and Geologist appointed. MiningEr-1 Geologist-1 Manager-1	
9c	Scrutiny of Annual return on land use pattern for area under pits reclaimed area, dumpsetc.	Pit – Dump – 0.250 Road - 0.100 hect.	
9d	Scrutiny of Annual return on Afforestation	Yes , 200 saplings planted.	
9e	Scrutiny Annual return on mineral reject generation (Grade & quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	19560.000	
9g	Scrutiny of Annual return on sale value, Ex Mineral price & production cost etc.	Lumps – 51 to 55% - 263134.80-465.45 58 to 60% - 33000 – 1100 Fines 51 to 55% - 8470136.540 – 482.232	
9i	Scrutiny of Annual return on fixed assets	1333229	-
9k	Scrutiny of Annual return on mining machineries	Dumper - 4 Water Tanker -1 Shovel Hydrolic - 1	-

Details of violations observed during current inspection and compliance position of earlier violation pointed out

Rule no.	Violation observed		Show cause Position		
	Issued on	Compliance on	Rule no.	Issued on	Compliance on
11(1) of MCDR 2017	04.03.2025	28.04.2025			