

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

Mine code: 44MPR18002

(i)	Name of Inspecting officer	:	Kathroju Naveen
(ii)	Designation	:	Senior Assistant Controller of Mines
(iii)	Accompanying mine official with Designation	:	Shro. Vasishta Bhargava (lessee representative) Shri. Susheel Kumar Bajpai (Qualified Person).
(iv)	Date of Inspection	:	05/11/2024
(v)	Previous Inspection date	:	--

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	:	SANDEEP BANSAL
	(b)	Registration Number	:	IBM/5055/2011
	(c)	Category	:	A Other than Fully Mech
	(d)	Type of Working	:	Opencast
	(e)	Postal address		
		State	:	MADHYA PRADESH
		District	:	JABALPUR
		Village	:	GANDHIGRAM
		Taluka	:	SIHORA
		Post Office	:	BUDHAGAR
		Pin code	:	482002
		Fax	:	N. A
		email	:	N. A
		Phone No	:	N. A
	(f)	Police Station	:	GOSALPUR
	(g)	First Opening date	:	30/04/1976
	(h)	Weekly day of rest	:	SUN
2		Address for Correspondence		SHRI SANDEEP BANSAL S/O SHRI R.C.BANSALP.O. JAITWARA, DIST. SATNA (M.P.) 485221
3	(a)	Lease Area	:	: 9.47 hect
	(b)	Period of lease	:	50 years
	(c)	Date of Expiry	:	20-05-2025
4		Mineral Worked (Main)	:	OCHRE Associated IRON ORE Main LATERITE Associated
5		Name of address of the Lessee with Phone, email and fax number	:	SANDEEP BANSAL Lessee: P.O. JAITWARA SATNA MADHYA PRADESH
		Name of address of the Owner/Nominated Owner with Phone,	:	SANDEEP BANSAL Lessee : P.O.

	email, fax number and Date of appointment		JAITWARA SATNA MADHYA PRADESH
	Name of address of the Agent with Phone, email, fax number and Date of appointment	:	--
	Name of address of the Manager with Phone, email, fax number and Date of appointment	:	U.K Mishra Qualification-foreman Experience 20 Years Date of appointment 1-4-2011 Phone :7000377334 Email : ukmishraktn@gmail.com
	Mining Engineer Name Qualification Date of Appointment	:	Aditya Sharma Be. Mining 1.04.2022 Experience 3 Years Email : asmining063@gmail.com
	Geologist Name Qualification, Date of Appointment	:	AK RAI Qualification M.SC-Geology Experience Date of appointment 1-04-2011
6	Date of approval of Mining Plan/Review of Mining Plan etc.	:	27/07/2021

PART- II: OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration: (2023-24)

S. No	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Not proposed	NA	
1b	Exploration over lease area for Geological axis 1 or 2	G1	G14.67 ha G2 3.31 ha	Only 13 Bore holes drilled against the 16 boreholes proposed in the last approved document.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	NA	
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	G1	3.310	Violation is pointed out under Rule 11(1)
1e	Balance reserves as on 01.04.2023	Reserves available in the last approved document Iron ore 406113 T	235817 Revised reserves in the Review of Mining Plan.	
1f	General remarks of	The lease area is 9.47 ha in the eastern side it is overlapped by the		

	Inspecting officer on geology, exploration etc.	adjoining lease which resulted the conflicted area between the leases against which a letter is communicated to the state government for correcting the demarcation.
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Development (2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Proposed	Development proposed on the western part of the lease	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Bench of 2.5 to 3 meter in Iron ore	Benches not maintained as proposed	Violation is pointed out under Rule 11(1).
2c	Stripping ratio or ore to OB ratio	Not proposed	NA	
2d	Quantity of topsoil generation in m3	Not proposed	NA	
2e	Quantity of overburden generation in m3	Not proposed	NA	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	It is observed that Mine working have been encroached the 7.5m barrier and Benches not maintained as proposed against which the Violation is pointed out under Rule 11(1).		

3. Exploitation FY (2023-24)

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	46060 T	46060T	
3c	Recovery of Salable/ usable minerals from ROM production	Not proposed	NA	
3d	Quantity of mineral reject generation	Not proposed	NA	
3e	Grade of mineral reject generation and	Not proposed	NA	

	threshold value declared			
3f	Quantity of sub-grade mineral generation	Not proposed	NA	
3g	Grade of sub-grade mineral generation	Not proposed	NA	
3h	Manual/Mechanized method adopted for segregation from ROM	Not proposed	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	NA	
3j	Provision of drilling & blasting in mineral benches	Not proposed	NA	
3k	Provision of mining machineries in mineral benches	Yes proposed	Yes	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed 3- 6m benches	Not maintained as proposed	Violation is pointed out under Rule 11(1).
3m	Total area covered under excavation /pits (Ha.)	5.10ha for the plan period	3.54 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.08		
3o	Total area put in use under different heads at the end of year	6.60 ha for the plan period	6.36 ha till the RY.	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	31746	120
		2020-21	nil	nil
		2021-22	27881	27536.430
		2022-23	40158	39460
		2023-24	46060	46060
3q	General remarks of inspecting officer on method of mining etc.	Benches not maintained as proposed against which the violation is pointed out under Rule 11(1).		

4. Solid Waste Management-Dumping (2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Not proposed	NA	
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	NA	
4c	Number of Dumps within lease area and outside lease area	Not proposed	NA	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	NA	
4e	Number of Active & Alive dumps	Not proposed	NA	
4f	Number of dead dumps	Not proposed	NA	
4g	Number of dumps established	Not proposed	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	NA	
4j	Number of settling ponds	Not proposed	NA	
4k	Specific comments of inspecting officer on waste dump management	No proposal for OB dumping is proposed		

5. Solid Waste Management-Backfilling (2023-24)

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	NA	
5b	Area under backfilling of mined out area	Not proposed	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule	Not proposed	NA	

	32)			
5d	Total area fully reclaimed & rehabilitated (Ha)	Not proposed	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling not proposed for the Reporting Year.		

6. Progressive Mine Closure Plan (2023-24)

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	To be submitted	Submitted.	
6b	Area available for rehabilitation (Ha)	No proposal for rehabilitation	No rehabilitation done	
6c	Afforestation done (ha)			
6d	No. of saplings planted during the year	500	800	
6e	Cumulative no. of plants	Not proposed	NA	
6f	Any other specific method of rehabilitation	Not proposed	NA	
6g	Cost incurred on watch & care during the year	Not proposed	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i)Voids available for backfilling (L X B X D).	Not proposed	NA	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Not proposed	NA	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	500	800	As per Annual returns.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	Not proposed	NA	
6l	Compliance on reclamation and rehabilitation by backfilling	Not proposed	NA	

	(v) Any other specific means			
6 m	Compliance of Rehabilitation of waste land within lease (i)Afforestation	Not proposed	NA	
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	Not proposed	NA	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Afforestation	Afforestation	
6p	Compliance of Environment monitoring (core zone & buffer zone)	Proposed.	DONE	
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Backfilling has not proposed for the reporting year		

7. Mineral Conservation (2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Grade wise sorting done within the lease.	Iron ore lumps and fines dispatched	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Screening	screening	
7c	Different grade of mineral sort out at mine	Iron ore, Ochre and laterite	Iron ore, Ochre and laterite	
7d	Any beneficiation process at mines	Not proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

8. Environment (2023-24)

S. N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not proposed	NA	
8b	Concurrent use or storage of topsoil	Not proposed.	Not done.	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not proposed	NA	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Not proposed	None done.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	Not done.	
8f	Baseline information on existence of	500	800	

	plantation & additional plantation done (Rule 41)			
8g	Survival rate	75 %	75%	
8h	Water sprinkling on roads to control airborne dust	Proposed.	Practicing	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

9. Compliance of Rule 45 (2023-24)

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer Aditya Sharma, Geologist in charge A K RAI	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings 3.540 Occupied by plant, buildings, residential, welfare buildings and roads 0.400 Used for any other purpose (specify) FOR MINERALS STOCK, DRAIN ETC 2.420 Total – 6.36 hect	
9d	Scrutiny of Annual return on afforestation	Plantation 800	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	NIL	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Closing stock -45% to below 51% -Fe-9630 51% to Below 55% -Fe-52214 Lumps- -51% to Below 55% -Fe-86.200	
9g	Scrutiny of Annual return on sale value, Ex. Mine price &	Ex mine price 541.06 iron ore below 55 % fe ,	

	production costs	cost of production-510			
9i	Scrutiny of Annual return on Fixed assets	NIL			
9k	Scrutiny of Annual return on mining Machineries	Equipment	Capacity	No of Units	
		Dumper	10.00 T	01	
		Water tanker	1000L	01	