

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION**

**MCDR inspection REPORT  
Jabalpur regional office**

**Mine file No :** MP/JBP/OCH-1

**Mine code :** 44MPR18002

- (i) Name of the Inspecting : **C004** ) **ROBERT SIMON C**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 09-JUL-21
- (v) Prev.inspection date : 17-MAR-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GANDHIGRAM**
- (b) **Registration NO.** :
- (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 No. : N. A.  
E-mail : N. A.  
Phone : N, A,
- (f) Police Station : GOSALPUR
- (g) First opening date : 30-APR-76
- (h) Weekly day of rest : SUN
2. Address for : SHRI SANDEEP BANSAL S/O SHRI R.C.BANSAL  
correspondance P.O. JAITWARA,  
DIST. SATNA (M.P.) 485221
3. (a) Lease Number : MPR1228
- (b) Lease area : 2.67
- (c) Period of lease : 10
- (d) Date of Expiry : 16-JUL-92
4. Mineral worked : OCHRE Associated  
IRON ORE Main  
LATERITE Associated

## 5. Name and Address of the

Lessee : SANDEEP BANSAL  
P.O. JAITWARA SATNA  
MADHYA PRADESH  
Phone:N. A.  
FAX :N. A.

Owner : SANDEEP BANSAL  
P.O. JAITWARA SATNA  
MADHYA PRADESH  
Phone: N. A.  
FAX : N. A.

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	30-JUN-95
Plan/Scheme of Mining		Modif.approved Mining Scheme	11-FEB-03
		Mining Scheme rule 12 MCDR1988	24-OCT-07
		Mining Scheme rule 12 MCDR1988	07-OCT-11
		Mining Scheme rule 12 MCDR1988	10-SEP-15

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposals	G1 - 4.ha; G2 - 3.31 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	G2 - 3.31 ha G3 -0.9 ha	
1e	Balance reserve as on 01/04/20	No proposals	111 = 196893 tonnes 122 = 209220 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			No proposals as there was no approved document for the year.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposals	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals	Nil	
2c	Stripping ratio or ore to OB ratio	No proposals	Nil	
2d	Quantity of topsoil generation in m3	No proposals	Nil	

2e	Quantity of overburden generation in m3	No proposals	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No proposals on development of pit as there was no approved document for the year.

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Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No proposals	nil	
3b	Quantity of ROM mineral production proposed	No proposals	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No proposals	Nil	
3d	Quantity of mineral reject generation	No proposals	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	No proposals	Nil	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposals	Nil	

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3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals	NA		
3j	Provision of drilling and blasting in mineral benches	NA	NA		
3k	Provision of mining machineries in mineral benches	NA	NA		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA		
3m	Total area covered under excavation/pits	No proposals	5.17 ha		
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA		
3o	Total area put in use under different heads at the end of year	No proposals	5.47 ha		
3p	Production of ROM mineral during the last five year period as applicable	2016-17 2017-18 2018-19 2019-20 2020-21	29801 28224 29148 31746 NIL	2016-17 2017-18 2018-19 2019-20 2020-21	nil nil nil 120 NA
3q	General remarks of inspecting officers on method of mining etc.				No proposals on method of mining as there was no approved document for the year.

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No proposals	in northern part of the lease area	
4c	Number of dumps within lease area and outside of lease area	No proposals	02 temporary OB dumps within lease	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposals	Within UPL	
4e	Number of active and alive dumps.	No proposals	Nil	
4f	Number of dead dumps.	No proposals	Nil	
4g	Number of dumps established.	No proposals	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals	Not found	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	
4j	Number of settling ponds	No proposals	Nil	
4k	Specific comments of inspecting officer on waste dump management			No proposals as there was no approved document for the year.

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Solid Waste Management - Backfilling:

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Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposals	Nil	
5b	Area under backfilling of mined out area	No proposals	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposals	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No proposals on backfilling and reclamation as there was no approved document for the year.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).		not submitted	violation pointed out under rule 26(2) of MCDR 2017.
6b	Area available for rehabilitation (ha) .	No proposals	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposals	Nil	

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6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposals	not done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No proposals on Mineral conservation & beneficiation as there was no approved document for the year.

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Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals	Nil	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines	No proposals	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No proposals on Mineral conservation & beneficiation as there was no approved document for the year

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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposals	Nil
8b	Concurrent use or storage of topsoil	No proposals	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals	nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposals	Nil
8g	Survival rate	No proposals	Nil
8h	Water sprinkling on roads to control airborne dust	No proposals	Nil

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposals as there was no approved document for the year.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR submitted uptodate but not within the prescribed time.	Annual return for the preceding 04 financial years were not within the specified date	violation pointed out under rule 45(7) of MCDR 2017.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	given	Mining Engineer in charge-R C BANSAL Geologist in charge-A K RAI	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		In Part-I, Sl.No.12, the lease area (surface area) utilisation are furnished incorrectly.	violation pointed out under rule 45(7) of MCDR 2017.
9d	Scrutiny of Annual return on afforestation	given	Afforestation details furnished but yearly PMCP report for the support of the same not submitted.	violation pointed out under rule 26(2) of MCDR 2017.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	given	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	given	nil	

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	given	<p>Part -VII In the cost per tonne calculation, the details of DMF and NMET are not included. Also the details of taxes are not matching with the amount submitted in the Part-III, Sl.No.5.</p> <p>In the cost per tonne calculation, the details of overhead cost is not matching with the amount submitted in the Part-III, Sl.No.6.</p> <p>Depreciation cost is not considered for the cost per tonne calculation in Part-VII for the year 2020-21</p>	violation pointed out under rule 45(7) of MCDR 2017.
9h	Scrutiny of Annual return on fixed assets	given	<p>Part-II A Capital Structure: The value of fixed assets is mentioned as nil.</p>	violation pointed out under rule 45(7) of MCDR 2017.
9k	Scrutiny of Annual return on mining machineries	given	<p>DUMPER 10.000 TONNE 1no OTHERS (NON-ELEC.) 1000.000 1no</p>	

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

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on
Rule 26(2)	27-JUL-21		
Rule 28(1)	27-JUL-21		
Rule 45(7)	27-JUL-21		

**Date :**

**(ROBERT SIMON C)**

Indian Bureau of Mines