

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

**MCDR inspection REPORT**

**Nagpur regional office**

**Mine file No :** MP/BGT/MN-253/NGP

**Mine code :** 40MPR01050

- (i) Name of the Inspecting : **C005** ) **ROBERT SIMON C**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 29-OCT-20
- (v) Prev.inspection date : 03-DEC-10

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KOILARI**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : BALAGHAT  
Village : KOILARI  
Taluka :  
Post office : TIRODI  
Pin Code : 481449  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station :
- (g) First opening date : 21-MAR-01
- (h) Weekly day of rest : SUN
2. Address for :  
correspondance :
3. (a) Lease Number : MPR0997
- (b) Lease area : 16.18
- (c) Period of lease : 20
- (d) Date of Expiry : 24-MAY-92
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : SHRI V. K. SARASWAR  
CIRCUIT HOUSE ROAD,  
BALAGHAT DISTT. BALAGHAT ( M.P.)  
BALAGHAT MADHYA PRADESH  
Phone:  
FAX :

Owner : Shri. Vinay Kumar Saraswar  
270, Ram Niwas, Triangular  
Park, Dharampeth, Nagpur  
(MP) NAGPUR MAHARASHTRA  
Phone:  
FAX :

6. Date of approval of Mining Plan/Scheme of Mining : Mining Scheme rule 12 MCDR1988 27-APR-09

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal since 2009-10	NA	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	NA	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	NA	
1e	Balance reserve as on 01/04/20	14520 tonnes	14520 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			No proposal since 2009-10

## Development :

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

2e	Quantity of overburden generation in m3	no proposal	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			During inspection the pit was found waterlogged and therefore ground conditions could not be verified.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	no proposal	NA	
3b	Quantity of ROM mineral production proposed	no proposal	NA	
3c	Recovery of sailable/usable mineral from ROM production	no proposal	NA	
3d	Quantity of mineral reject generation	no proposal	NA	
3e	Grade of mineral rejects generation and threshold value declared.	no proposal	NA	
3f	Quantity of sub grade mineral generation.	no proposal	NA	
3g	Grade of sub grade mineral generation	no proposal	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	no proposal	NA	No proposal since 2009-10

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3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	no proposal	NA	
3j	Provision of drilling and blasting in mineral benches	no proposal	NA	
3k	Provision of mining machineries in mineral benches	no proposal	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	no proposal	NA	During inspection the pit was found waterlogged and therefore ground conditions could not be verified.
3m	Total area covered under excavation/pits	no proposal	NA	During inspection the pit was found waterlogged and therefore total area excavated could not be ascertained.
3n	Ore to OB ratio for the pit/mine during the year.	no proposal	NA	
3o	Total area put in use under different heads at the end of year	no proposal	NA	
3p	Production of ROM mineral during the last five year period as applicable	no proposal	NA	
3q	General remarks of inspecting officers on method of mining etc.			No proposal since 2009-10 and hence no remarks.

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NOT PROPOSED	NA	No proposal since 2009-10 .
4b	Location of topsoil, OB and mineral reject dumps	NOT PROPOSED	NA	
4c	Number of dumps within lease area and outside of lease area	NOT PROPOSED	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NOT PROPOSED	NIL	
4e	Number of active and alive dumps.	NOT PROPOSED	NIL	
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 dumps	NOT PROPOSED	NA	
4j	Number of settling ponds	NOT PROPOSED	NA	
4k	Specific comments of inspecting officer on waste dump management		NA	No proposal since 2009-10 and hence no remarks.

#### Solid Waste Management - Backfilling:

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.	NA	NA	
5b	Area under backfilling of mined out area	NOT PROPOSED	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NOT PROPOSED	NA	
5d	Total area fully reclaimed and rehabilitated	NOT PROPOSED	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No proposal since 2009-10 and hence no remarks.

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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 PROPOSED	NIL	No proposal since 2009-10.
6b	Area available for rehabilitation (ha) .	NOT PROPOSED	NIL	
6c	afforestation done (ha) .	NOT PROPOSED	NIL	
6d	No. of saplings planted during the year	NOT PROPOSED	NIL	
6e	Cumulative no .of plants	NOT PROPOSED	NA	

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6f	Any other method of rehabilitation	NOT PROPOSED	NIL
6g	Cost incurred on watch and 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) Voids filled by waste / tailings	NOT PROPOSED	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on 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 rehabilitation (ha)	NOT PROPOSED	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NOT PROPOSED	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NOT PROPOSED	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No proposal since 2009-10 and hence no remarks.

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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 PROPOSAL	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NO PROPOSAL	NIL	
7c	Different grade of mineral sorted out at mines.	NO PROPOSAL	NIL	
7d	Any beneficiation process at mines	NO PROPOSAL	NIL	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal since 2009-10 and hence no remarks.
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**Environment:**

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

8g	Survival rate	No proposal	NIL	
8h	Water sprinkling on roads to control airborne dust	No proposal	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No proposal since 2009-10.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	not submitted	not submitted	violation pointed out for rule 45(5) (b) (c)
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	not submitted	NA	violation pointed out for rule 45(5) (b) (c)
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	not submitted	NA	violation pointed out for rule 45(5) (b) (c)
9d	Scrutiny of Annual return on afforestation	not submitted	NA	violation pointed out for rule 45(5) (b) (c)
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	not submitted	NA	violation pointed out for rule 45(5) (b) (c)
9f	Scrutiny of Annual return on ROM stock and/or graded ore	not submitted	NA	violation pointed out for rule 45(5) (b) (c)

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	not submitted	NA	violation pointed out for rule 45(5)(b) (c)
9h	Scrutiny of Annual return on fixed assets	not submitted	NA	violation pointed out for rule 45(5)(b) (c)
9k	Scrutiny of Annual return on mining machineries	not submitted	NA	violation pointed out for rule 45(5)(b) (c)

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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
MCDR17	Rule 28 (1)	18-NOV-20			
MCDR17	Rule 45 (5) (k)	18-NOV-20			

**Date :**

**(ROBERT SIMON C)**

Indian Bureau of Mines