

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

**Review and updation of Mining Plan REPORT**

**Nagpur regional office**

**Mine file No :** MP/BGT/MN-37/NGP

**Mine code :** 40MPR01026

- (i) Name of the Inspecting : **C005** ) **ROBERT SIMON C**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Yogesh saraf (Lessee Representaive), I. Dawande (Qualifie  
Official with  
Designation
- (iv) Date of Inspection : 10-AUG-22
- (v) Prev. inspection date : 27-SEP-13

**PART-I: GENERAL INFORMATION**

1. (a) **Mine Name** : **CHIKMARA**
- (b) **Registration NO.** :
- (c) Category : A
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : BALAGHAT  
Village : CHIKMARA  
Taluka : KATANGI  
Post office : KATEDHARA  
Pin Code :  
FAX No. : NA  
E-mail : badebabamining@gmail.com  
Phone : 9518912279
- (f) Police Station :
- (g) First opening date : 17-AUG-96
- (h) Weekly day of rest : FRI
2. Address for : PO- TUMSAR  
correspondance : DISTT. - BALAGHAT (MP)
3. (a) Lease Number : MPR1572  
(b) Lease area : 8.16  
(c) Period of lease : 50  
(d) Date of Expiry : 07-JAN-46
4. Mineral worked : MANGANESE ORE Main

## 5. Name and Address of the

Lessee : M/s R.B.Shreeram & Co.  
 Shreeram Bhavan, Tumsar  
 Distt. Bhandara (MS)  
 BHANDARA MAHARASHTRA  
 Phone: 9518912279  
 FAX :

Owner : M/s R.B.Sreeram & Company Pvt. Ltd.  
 Sreeram Bhawan, Tumsar  
 distt. Balaghat (MP)  
 BHANDARA MAHARASHTRA  
 Phone: 9518912279  
 FAX :

Agent : SHRI SUDHIR GUPTA  
 BHANDARA MAHARASHTRA  
 Phone: 32233, 32251  
 FAX : 32271

Mining Engineer  
 Name : SHRI Ghanshyam Patel, Full Time  
 Qualification : B.E MINING

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	10-APR-02
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	28-MAR-07
	:	Mining Scheme rule 12 MCDR1988	06-JAN-12
	:	Modif.approved Mining Scheme	29-NOV-13

## 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	Nil	Nil	No approved document for the year 2021-22
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	G2-1.20 ha Unexplored-6.96 ha	
1e	Balance reserve as on 01/04/20	No proposals	G2-1.20 ha Unexplored-6.96 ha area to be explored in G1	
1f	General remarks of inspecting officers on geology, exploration etc			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	Nil	
2c	Stripping ratio or ore to OB ratio	NA	NA	
2d	Quantity of topsoil generation in m3	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	

2e	Quantity of overburden generation in m3	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	Nil	
3b	Quantity of ROM mineral production proposed	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No Proposal	Nil	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No Proposal	50 as per AR	
3f	Quantity of sub grade mineral generation.	No Proposal	Nil	
3g	Grade of sub grade mineral generation	No Proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	Nil	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	Nil	
3j	Provision of drilling and blasting in mineral benches	No Proposal	Nil	
3k	Provision of mining machineries in mineral benches	No Proposal	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	Details of Benches In ore (i) Number of Benches Mechanised 5 (ii) Average height (meters) Mechanised 6	
3m	Total area covered under excavation/pits	No Proposal	3.72 ha already excavated	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.
3n	Ore to OB ratio for the pit/mine during the year.	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
3o	Total area put in use under different heads at the end of year	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	6.435 ha	
3p	Production of ROM mineral during the last five year period as applicable	2018-19 3674 2019-20 2089 2020-21 627 2021-22 Nil	2018-19 564 2019-20 720 2020-21 425 2021-22 Nil	
3q	General remarks of inspecting officers on method of mining etc.			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	04 inactive OB dumps observed within lease.	
4b	Location of topsoil, OB and mineral reject dumps	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	04 OB dumps scattered in the lease.	
4c	Number of dumps within lease area and outside of lease area	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	04 within lease	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	within UPL	
4e	Number of active and alive dumps.	Not proposed	Nil	
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 dumps	Not proposed	Nil	
4j	Number of settling ponds	01	01	
4k	Specific comments of inspecting officer on waste dump management			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

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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.	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	Nil	
5b	Area under backfilling of mined out area	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal	Nil	
5d	Total area fully reclaimed and rehabilitated	No Proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

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Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
6b	Area available for rehabilitation (ha) .	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
6c	afforestation done (ha).	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
6d	No. of saplings planted during the year	NA	NA	

6e	Cumulative no .of plants	NA	NA
6f	Any other method of rehabilitation	NA	NA
6g	Cost incurred on watch and care during the year	NA	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	NA	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines .	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

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Environment:

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Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
8b	Concurrent use or storage of topsoil	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	NA	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR and AR online submitted.	MR and AR online submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Manager Shri Nikhil Vinodkumar Vyas	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.	Lease area (surface area)utilisation as at the end of year(hectares) Underforest Outsideforest Total (i) Already exploited & abandoned byopencast (O/C) mining 0.000 0.000 0.000 (ii) Covered under current (O/C)Workings 0.000 3.720 3.720 (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.940 0.940 (v) Occupied by plant, buildings,residential, welfare buildings & roads 0.000 0.454 0.454 (vi) Other Purpose (Mineral Storage &Others) 0.000 1.037 1.037	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	Grade-wise production, Despatches, Stocks and Ex-mine prices of Processed ore( MANGANESE ORE ) Grades(% of Mn content) Openingstock at mine head(in tonne) Production (intonne) Dispatchesfrom minehead(in tonne) Closingstock at mine head (intonne) Ex-mineprice(in ? PerTonne) (a) Below 25% Mn 34.695 0.000 0.000 34.695 0.00 (b) 25% to below 35% Mn 19.000 0.000 0.000 19.000 0.00 (c) 35% to below 46% Mn 10.680 0.000 0.000 10.680 0.00 (d) 46% Mn and above 78.390 0.000 0.000 78.390 0.00	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Given	Grade-wise production, Despatches, Stocks and Ex-mine prices of Processed ore( MANGANESE ORE ) Grades(% of Mn content) Openingstock at mine head(in tonne) Production (intonne) Dispatchesfrom minehead(in tonne) Closingstock at mine head (intonne) Ex-mineprice(in ? PerTonne) (a) Below 25% Mn 34.695 0.000 0.000 34.695 0.00 (b) 25% to below 35% Mn 19.000 0.000 0.000 19.000 0.00 (c) 35% to below 46% Mn 10.680 0.000 0.000 10.680 0.00 (d) 46% Mn and above 78.390 0.000 0.000 78.390 0.00	
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	No Proposal given for the year 2021-22. Year 2021-22 is lapsed period.



**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

**Date :**

**(ROBERT SIMON C)**

Indian Bureau of Mines