

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

**Review and updation of Mining Plan REPORT**

**Jabalpur regional office**

**Mine file No :** MP/KATNI/BX-54

**Mine code :** 07MPR47017

- (i) Name of the Inspecting : **SQ23** ) **SANDEEP KUMAR SINGH**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Digvijay Singh (QP)  
Official with  
Designation
- (iv) Date of Inspection : 21-JAN-22
- (v) Prev.inspection date : 12-OCT-20

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **PADWAR (27.68 HA)**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : KATNI  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. : NA  
E-mail : NA  
Phone : NA
- (f) Police Station :
- (g) First opening date : 04-SEP-03
- (h) Weekly day of rest : SUN
2. Address for : SMT. ARUNA DEVI BAJAJ  
correspondance HEERA GANJ, KATNI (M.P.) 483501
3. (a) Lease Number : MPR2095  
(b) Lease area : 27.68  
(c) Period of lease : 20  
(d) Date of Expiry : 20-FEB-23
4. Mineral worked : BAUXITE Main  
FIRECLAY Associated  
LATERITE Associated

## 5. Name and Address of the

Lessee : ARUNA DEVI BAJAJ  
HEERAGANJ KATNI MADHYA  
PRADESH  
Phone:N. A.  
FAX :N. A.

Owner : ARUNA DEVI BAJAJ  
HEERAGANJ KATNI MADHYA  
PRADESH  
Phone: N. A.  
FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 09-JUN-10  
Plan/Scheme of Mining MP review under 17(1) MCR 2016 09-NOV-20

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## 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	30 BH	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Given	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	22.8233 ha	4.8576 ha	
1e	Balance reserve as on 01/04/20		Bauxite 111 - 352568 Tone 211 - 55267 Tone Laterite 111- 226592 tone 211 - 35588 Tone Fire clay - 111 264358 tone 211 -41517 tone	
1f	General remarks of inspecting officers on geology, exploration etc			Bauxite, Laterite & fireclay of the area is product of residual weathering process. Bauxite brown pinkish, red, grey in colour.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit 01 & 02	pit exist .no working done	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No separate bench in waste, 03 benches in minerals	pit exist.no working done	
2c	Stripping ratio or ore to OB ratio	1:0.76	pit exist.no working done	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	12315 m3	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			pit exist.no working was done as mines was not in operation for EC and land/clearance issues.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	02 pit	Nil	pit exist in area
3b	Quantity of ROM mineral production proposed	49260 m3	Nil	
3c	Recovery of sailable/usable mineral from ROM production	Not proposed	Nil	
3d	Quantity of mineral reject generation	Not proposed	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not proposed	Nil	

3f	Quantity of sub grade mineral generation.	Not proposed	Nil
3g	Grade of sub grade mineral generation	Not proposed	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Nil
3j	Provision of drilling and blasting in mineral benches	Not proposed	Nil
3k	Provision of mining machineries in mineral benches	Proposed	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	5 mtr	Suitable
3m	Total area covered under excavation/pits		
3n	Ore to OB ratio for the pit/mine during the year.	1:0.75	Nil
3o	Total area put in use under different heads at the end of year		

3p	Production of ROM mineral during the last five year period as applicable	2020-21 - 103446 m3	Nil	No valid mining plan from 2012-13 to 2019-20, mines is not running till date for want of statutory clearances issue.(EC, Forest etc.)
3q	General remarks of inspecting officers on method of mining etc.			No valid mining plan from 2012-13 to 2019-20, and 20-21 mines was not running till date for want of statutory clearances issue.(EC, Forest etc.)

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Soil	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No Dump Planned	Nil	
4c	Number of dumps within lease area and outside of lease area	03 nos	03 nos	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Southern part	Proposal to rehandle.	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	03	03	
4g	Number of dumps established.	03	03	Old dumps

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4h	Whether Retaining wall or garland drain all along dumps are there.	Proposed	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Not given	Nil	
4j	Number of settling ponds	Not proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management			Mine was not in operation for last many years & still not operating till date.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Planned	Nil	
5b	Area under backfilling of mined out area	1500 m3	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No top soil	Nil	
5d	Total area fully reclaimed and rehabilitated	Not proposed	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Though backfilling is planned, mines was not in operation for last more than 5 years.

## 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	Mines is not in operation.
6b	Area available for rehabilitation (ha) .	No proposal for mined out benches	Nil	
6c	afforestation done (ha).	No proposal for mined out benches	Nil	
6d	No. of saplings planted during the year	No proposal for mined out benches	Nil	
6e	Cumulative no .of plants	No proposal for mined out benches	Nil	
6f	Any other method of rehabilitation	No proposal for mined out benches	Nil	
6g	Cost incurred on watch and care during the year	No proposal for mined out benches	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx 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)Afforestati on 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	34 nos saplings	nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	125 m2 area to be covered under plantation	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Plantation	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Planned	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mines was not in operation for want of various statutory clearances .

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**Mineral Conservation:**


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Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual Sorting	Nil	
7c	Different grade of mineral sorted out at mines.	Not proposed	Nil	
7d	Any beneficiation process at mines .	Not proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mines not in operation.

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil	Nil	
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	

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8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	yes Planned	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	34 nos	nil	
8g	Survival rate	70%	no plantation done	
8h	Water sprinkling on roads to control airborne dust	yes	nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mine not in operation till date.

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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	

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not submitted
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not submitted
9d	Scrutiny of Annual return on afforestation	Not submitted
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not submitted
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not submitted
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not submitted
9h	Scrutiny of Annual return on fixed assets	Not submitted
9k	Scrutiny of Annual return on mining machineries	Not submitted

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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

**Date :**

**(SANDEEP KUMAR SINGH)**

Indian Bureau of Mines