

**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 : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : QP Sandipan Sarkar and Mine Official
Official with
Designation
- (iv) Date of Inspection : 12-OCT-20
- (v) Prev.inspection date :

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

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No explortaion proposal was given for the reporting year 2019-20	No exploration work done in the year 2019-20	
1b	Exploration over lease area for geological axis 1 or 2	Partial area explored upto G1 level	Mineralised area explored upto G1 level (4.8567 hect)	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Furnished	Not Furnished	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area Explored 4.8567 hect G1, Unexplored area 22.8233 hect	Area Explored 4.8567 hect up to G1, Unexplored area 22.8233 hect needs to explored upto G1 level	exploration proposal under rule 12(4) of MCDR 2017 given in approved mining plan dated 09.11.2020.
1e	Balance reserve as on 01/04/20	as on 09.06.2010 (date of last approved mining plan) Geological reserve 1414728 t Bauxite	as on 09.11.2020 (date of approved mining plan) 111-352568 t 211-55267 t, 331-407835 t	Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC
1f	General remarks of inspecting officers on geology, exploration etc			ML area belongs to mahakaushal group of rocks in the extend of katni district. Bauxite found mixed with laterites.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

2a	Location of development w.r.t.lease area	No proposal was given for the reporting year	No work done in the reporting year	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal was given for the reporting year	No work done in the reporting year	
2c	Stripping ratio or ore to OB ratio	No proposal was given for the reporting year	No work done in the reporting year	
2d	Quantity of topsoil generation in m ³	No proposal was given for the reporting year	No work done in the reporting year	
2e	Quantity of overburden generation in m ³	No proposal was given for the reporting year	No work done in the reporting year	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal was given for the reporting year	No work done in the reporting year	
3b	Quantity of ROM mineral production proposed	No proposal was given for the reporting year	No work done in the reporting year	

3c	Recovery of sailable/usable mineral from ROM production	No proposal was given for the reporting year	No work done in the reporting year
3d	Quantity of mineral reject generation	No proposal was given for the reporting year	No work done in the reporting year
3e	Grade of mineral rejects generation and threshold value declared.	No proposal was given for the reporting year	No work done in the reporting year
3f	Quantity of sub grade mineral generation.	No proposal was given for the reporting year	No work done in the reporting year
3g	Grade of sub grade mineral generation	No proposal was given for the reporting year	No work done in the reporting year
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal was given for the reporting year	Manual Method Proposed for segregation (Hand Sorting) in the latest approved mining plan
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Not Applicable
3j	Provision of drilling and blasting in mineral benches	Not Proposed	Not Applicable
3k	Provision of mining machineries in mineral benches	No proposal was given for the reporting year	Proposed in approved mining plan

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Previously approved proposal was suitable for mining	proposed method of mining suitable	
3m	Total area covered under excavation/pits	0.5526 hect	0.5526 hect	
3n	Ore to OB ratio for the pit/mine during the year.	Not Proposed	No work done in the reporting year	
3o	Total area put in use under different heads at the end of year	1.3713 hect	1.3713 hect	
3p	Production of ROM mineral during the last five year period as applicable	No proposal given in last five years	No production reported in last five years	
3q	General remarks of inspecting officers on method of mining etc.			Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal was given for the reporting year	Separate dumping of OB and Mineral rejects and mineral proposed	
4b	Location of topsoil, OB and mineral reject dumps	No proposal was given for the reporting year	Proposed in the south west corner of the lease area	

4c	Number of dumps within lease area and outside of lease area	No proposal was given for the reporting year	proposed dumps will be situated within the lease area
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal was given for the reporting year	outside the UPL
4e	Number of active and alive dumps.	No proposal was given for the reporting year	No active dump available as on date
4f	Number of dead dumps.	No proposal was given for the reporting year	No dead dump available as on date
4g	Number of dumps established.	No proposal was given for the reporting year	No dump established yet
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal was given for the reporting year	Not Applicable
4i	Length of Retaining wall or garland drain all along dumps	No proposal was given for the reporting year	Not Applicable
4j	Number of settling ponds	No proposal was given for the reporting year	Not Proposed
4k	Specific comments of inspecting officer on waste dump management		Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC

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.	No proposal was given for the reporting year	Full extraction of mineral proposed in the latest approved mining plan	
5b	Area under backfilling of mined out area	No proposal was given for the reporting year	Proposed in the latest approved mining plan	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal was given for the reporting year	Proposed in the latest approved mining plan	
5d	Total area fully reclaimed and rehabilitated	No proposal was given for the reporting year	Proposed in the latest approved mining plan	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC

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).	No proposal was given for the reporting year	Proposed in latest approved mining plan	
6b	Area available for rehabilitation (ha) .	No proposal was given for the reporting year	644 square meter in the year 2020-21 (as per latest proposal)	

6c	afforestation done (ha).	No proposal was given for the reporting year	125 square meter in the year 2020-21 (as per latest proposal)
6d	No. of saplings planted during the year	No proposal was given for the reporting year	34 nos in the year 2020-21 (as per latest proposal)
6e	Cumulative no .of plants	No proposal was given for the reporting year	34 nos in the year 2020-21 (as per latest proposal)
6f	Any other method of rehabilitation	No proposal was given for the reporting year	Not Proposed
6g	Cost incurred on watch and care during the year	No proposal was given for the reporting year	INR 10000.00 proposed in the latest approved mining plan
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal was given for the reporting year	Not Applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal was given for the reporting year	Proposed in the approved mining plan
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal was given for the reporting year	Grade wise manual sorting proposed	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal was given for the reporting year	Manual	
7c	Different grade of mineral sorted out at mines.	No proposal was given for the reporting year	Not Proposed	
7d	Any beneficiation process at mines .	No proposal was given for the reporting year	Not Proposed	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal was given for the reporting year	Proposed in the approved mining plan	
8b	Concurrent use or storage of topsoil	No proposal was given for the reporting year	Proposed in the approved mining plan	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal was given for the reporting year	Proposed in the approved mining plan
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal was given for the reporting year	Proposed in the approved mining plan
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal was given for the reporting year	Proposed in the approved mining plan
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal was given for the reporting year	Proposed in the approved mining plan
8g	Survival rate	No proposal was given for the reporting year	60% proposed in the approved mining plan
8h	Water sprinkling on roads to control airborne dust	No proposal was given for the reporting year	Proposed in the approved mining plan
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Mine was not in operational due to being under litigation. Statutory compliances are still awaited i.e. CTO, EC

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not Submitted	Not Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Submitted	Not Submitted	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Submitted	Not Submitted	
9d	Scrutiny of Annual return on afforestation	Not Submitted	Not Submitted	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Submitted	Not Submitted	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Submitted	Not Submitted	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Submitted	Not Submitted	
9h	Scrutiny of Annual return on fixed assets	Not Submitted	Not Submitted	
9k	Scrutiny of Annual return on mining machineries	Not Submitted	Not Submitted	

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 45 (5) (k)	12-MAY-21			
MCDR17	Rule 45 (5) (c)	12-MAY-21			

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines