

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

**MCDR inspection REPORT  
Jabalpur regional office**

**Mine file No :** MP/ANUP/BX-3

**Mine code :** 07MPR38002

- (i) Name of the Inspecting : **SQ23** ) **SANDEEP KUMAR SINGH**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 20-FEB-20
- (v) Prev.inspection date : 21-DEC-16

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **CHACHANDIH ( 17.744 HA)**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : SHAHDOL  
Village : CHACHANDIH  
Taluka : PUSPARAJGARH  
Post office : RAJANDRAGRAM  
Pin Code : 484881  
FAX No. : N. A.  
E-mail : N. A.  
Phone : N. A.
- (f) Police Station : Rajandragram
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : SHRI RAM AUTAR AGRAWAL  
correspondance P.O. JAITWARA, DIST. SATNA (M.P.) 485221
3. (a) Lease Number : MPR2071  
(b) Lease area : 17.74  
(c) Period of lease : 20  
(d) Date of Expiry : 06-MAY-24
4. Mineral worked : BAUXITE Main  
OCHRE Associated  
LATERITE Associated

## 5. Name and Address of the

Lessee : RAM AUTAR AGRAWAL  
P.O. JAITWARA SATNA  
MADHYA PRADESH  
Phone:N. A.  
FAX :N. A.

Owner : RAM AUTAR AGRAWAL  
P.O. JAITWARA SATNA  
MADHYA PRADESH  
Phone: N. A.  
FAX : N. A.

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	13-JUN-03
Plan/Scheme of Mining		Modif.of approved Mining Plan	09-MAY-05
		Modif.of approved Mining Plan	14-FEB-08
		Mining Scheme rule 12 MCDR1988	23-FEB-12
		Mining Scheme rule 12 MCDR1988	25-FEB-16

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year			
1b	Exploration over lease area for geological axis 1 or 2	G2	G2	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	
1f	General remarks of inspecting officers on geology, exploration etc			THE ENTIRE AREA IS EXPLORED IN G2.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N-2525860 - 2526040 E-562460 - 562600	N-2525860 - 2526040 E-562460 - 562600	AS PLANNED
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES - 3 BENCHES 1-SOIL, 1 O.B. 1- MINERAL-2,	YES - 3 BENCHES 1-SOIL, 1 O.B. 1- MINERAL-2,	YES SEPERATE BENCHES IN MINERAL AND WASTE MAINTAINED.
2c	Stripping ratio or ore to OB ratio	1.30	1.27	
2d	Quantity of topsoil generation in m3	9300M3	7800M3	IT IS SOIL ,NOT TOP SOIL.
2e	Quantity of overburden generation in m3	18446M3	16900M3	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	AS PER PLAN, DEVELOPMENT IS DONE REMOVAL OF WASTE-IN TWO BENCHES, ORE IS MINED IN TWO BENCHES.
----	---	--

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	50,220	49,994	
3c	Recovery of sailable/usable mineral from ROM production	50,002	49,994	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	NOT APPLICABLE
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL	MANUAL	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	CEMENT PLANT AL2O3- 42-43%

3j	Provision of drilling and blasting in mineral benches	YES	NO	ROCKBREAKER 30 T IS USED.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	4 BENCHES	4 BENCHES	YES
3m	Total area covered under excavation/pits	8 HECT.	7.5 HECT	
3n	Ore to OB ratio for the pit/mine during the year.	1:1.27	1:1.25	
3o	Total area put in use under different heads at the end of year	O/C - 8 HECT. 0.25- ROAD ,OFFICE-0.02	PIT -7.5 .25 ROAD, .02 OFFICE.	
3p	Production of ROM mineral during the last five year period as applicable	16-17 50,002 T. 17-18 50,002 T. 18-19 50,002 T.	16-17,49950T. 17-18,11,789 T. 18-19,49,994 T.	
3q	General remarks of inspecting officers on method of mining etc.			OK, MINING IS DONE BY FORMING BENCHES.

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4g	Number of dumps established.			NIL .BACKFILLING.
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	

---

4k	Specific comments of inspecting officer on waste dump management	NO DUMPING	NO DUMPING.	BACKFILLING IS DONE
----	--	------------	-------------	---------------------

---

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.	MINING UP TO MINERAL DEPTH	YES	ALL BAUXITE BED OF 8 MTR. IS REMOVED BEFORE BACKFILLING
5b	Area under backfilling of mined out area	.5 HECT.	.53 HECT	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	LATERITIC SOIL USED	LATERITIC SOIL USED	NO TOP SOIL.LATERITIC SOIL USED.
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			THE AREA IS BACKFILLED WITH WASTE AND TOPPED WITH LATERITIC SOIL AVAILABE AND PLANTATATION IS DONE ON SAME.

---

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.VIOLATIO N GIVEN

---

6b	Area available for rehabilitation (ha) .	NO PROPOSAL	NO PROPOSAL	
6c	afforestation done (ha).	N/A	N/A	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	7.0 HECT.	.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	5000 M2	5300 M2	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	0.5 HECT.	0.1 HECT.	NOT DONE .VIOLATION GIVEN
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	N/A	N/A	
6p	Compliance of environmental monitoring (core zone and buffer zone)	FOR NOISE,WATER ,AIR	DON FOR NOISE AIR, WATER.	MONITORING IS DONE.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	ENVIRONMENT MONITRING IS DONE FOR NOISE, AIR, WATER.BACKFILLING IS BEING DONE.
----	---	--

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM DISPATCH	ROM DISPATCH	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	N/A	N/A	
7c	Different grade of mineral sorted out at mines.	N/A	N/A	
7d	Any beneficiation process at mines .	N/A	N/A	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			SIEVING MANUAL

---

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	NO TOP SOIL

---



8b	Concurrent use or storage of topsoil	NIL	NIL	NO
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NIL	SIMULTANEOUS BACKFILLING
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	YES	BEING DONE	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	YES	BEING DONE	BACK FILLING BEING DONE
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	YES-200nos	YES-30	proposal to do on backfill area.
8g	Survival rate	80%	30%	
8h	Water sprinkling on roads to control airborne dust	YES	BEING DONE	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			SYSTEMATIC WORK

---

Compliance of Rule 45:

---

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

---

9a	Status of submission of Monthly and Annual returns	nil	not submitted.	the returns are not submitted. violation has been issued for same.
----	---	-----	----------------	---

---

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

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17 Rule 46(a)	08-MAY-20				
MCDR17 Rule 26(2)	08-MAY-20				
MCDR17 Rule 35(2)	08-MAY-20				
MCDR17 Rule 31(4)	08-MAY-20				

**Date :**

**(SANDEEP KUMAR SINGH)**

Indian Bureau of Mines