

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

**MCDR inspection REPORT  
Jabalpur regional office**

**Mine file No :** MP/KATNI/BX-34

**Mine code :** 07MPR47016

- (i) Name of the Inspecting : **SQ05** ) **DEEPAK SHARMA**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Ajay Pandey Mining Engineer  
Official with  
Designation
- (iv) Date of Inspection : 12-JUL-21
- (v) Prev.inspection date : 04-FEB-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **CHHAPARA (7.383 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 : CHHAPRA  
Taluka : BAHORIBAND  
Post office : CHHAPRA  
Pin Code :  
FAX No. : NA  
E-mail : NA  
Phone : NA
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : SHRI SHASHI KANT KOHAD  
correspondance P.O. NIWAR, DIST. KATNI (M.P.)
3. (a) Lease Number : MPR2443  
(b) Lease area : 7.38  
(c) Period of lease : 20  
(d) Date of Expiry : 19-JUN-14
4. Mineral worked : BAUXITE Main  
LATERITE Associated  
FIRECLAY Associated

## 5. Name and Address of the

Lessee : SHASHI KANT KOHAD  
P.O. NIWAR, KATNI MADHYA  
PRADESH  
Phone:07622 -320267, 325828  
FAX :N.A

Owner : SHASHI KANT KOHAD  
P.O. NIWAR, KATNI MADHYA  
PRADESH  
Phone: N.A  
FAX : N.A

6. Date of approval of Mining	:	Renewal under rule 24 MCR1960	14-FEB-08
Plan/Scheme of Mining		Renewal under rule 24 MCR1960	21-APR-09
		Mining Scheme rule 12 MCDR1988	15-FEB-12
		Renewal under rule 24 MCR1960	26-JUN-15
		MP review under 17(1) MCR 2016	20-AUG-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	In the year 2019-20 it was proposed to drill 3 core bore holes 30m each depth on 100 meter grid interval & 2 pits of 6x6x6 m dimension, in the year 2020-21 it was proposed to drill 3 core borehole of 30meter each	not done as per the proposal as the mine was closed	
1b	Exploration over lease area for geological axis 1 or 2	ML area explored upto G1 level	ML area already explored upto G1 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not mentioned	Not mentioned	
1d	Balance area to be explored to bring Geological axis in 1 or 2	ML area already explored uptoG1 level	ML area already explored upto G1 level	
1e	Balance reserve as on 01/04/20	As on 01.04.2019 121-513776, 221-395878, 333-192786	As on 01.04.2021 121-501221, 221-395878, 333-192786	
1f	General remarks of inspecting officers on geology, exploration etc			ML area belongs to mahakaushal formation in jabalpur region , bauxite of the ML area is of fine grained yellowish to brown in colour

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	working was proposed in the northern portion of the ML area, working advancement towards east and south in the ML area	working was not as per the proposal	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed soil bench 3-4 meter, mineral benches 3-4 meter	separate benches formed of 3-4 meter height & width	
2c	Stripping ratio or ore to OB ratio	1:0.34	1:0.58	
2d	Quantity of topsoil generation in m3	Not proposed	NIL	
2e	Quantity of overburden generation in m3	Not proposed	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			working was not as per the proposal

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit	one pit	
3b	Quantity of ROM mineral production proposed	21252 tonnes	2325 tonnes	
3c	Recovery of sailable/usable mineral from ROM production	60%	60%	

3d	Quantity of mineral reject generation	NIL	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 Method	Mechanised Method	Mine not in operational
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 Soft strata	
3k	Provision of mining machineries in mineral benches	proposed	as per approved mining plan proposed HEMM	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	mineral benches suitable for mining	Suitable for mining	
3m	Total area covered under excavation/pits	3.00	2.10	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.34	1:0.58	

3o	Total area put in use under different heads at the end of year	6.873	5.143	
3p	Production of ROM mineral during the last five year period as applicable	2019-20=24840, 2020-21=21252	2019-20=10230, 21=2325	
3q	General remarks of inspecting officers on method of mining etc.			working was not as per the proposal

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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)	Proposed	Separate dumping was done for waste & mineral	
4b	Location of topsoil, OB and mineral reject dumps	waste dump in north east and south of the ML, mineral dump in south eastern portion of the ML	waste dump in north east and south of the ML, mineral dump in south eastern portion of the ML	
4c	Number of dumps within lease area and outside of lease area	three	three 2 waste dumps and one mineral dump	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside the UPL	outside the UPL	
4e	Number of active and alive dumps.	three dumps	three dumps	
4f	Number of dead dumps.	none	none	
4g	Number of dumps established.	none	none	

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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	not proposed	NIL
4k	Specific comments of inspecting officer on waste dump management		

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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.	full extraction of mineral proposed	full extraction not done yet	
5b	Area under backfilling of mined out area	not proposed	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	in plantation as and when generated	nil no soil was generated during the reporting year	
5d	Total area fully reclaimed and rehabilitated	Not proposed	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			full extraction of the mineral was not done yet therefore the backfilling, reclamation work not done yet

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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).	proposed	not submitted	
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	100-150	70-80	
6f	Any other method of rehabilitation	Not proposed	NIL	
6g	Cost incurred on watch and care during the year	Not proposed	NIL	

## Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	grade wise sorting proposed to be done within the lease area	as per approved mining plan proposed	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual method proposed	as per approved mining plan proposed	
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	not proposed
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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	not proposed	NIL	
8b	Concurrent use or storage of topsoil	in plantation as and when generated	as per approved mining plan proposed	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	as per approved mining plan proposed	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	not proposed	full extraction of mineral not done yet	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	full extraction of mineral not done yet	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	as per approved mining plan	as per approved mining plan	

8g	Survival rate	90%	20-25 %	
8h	Water sprinkling on roads to control airborne dust	proposed	Not in use / done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			needs improvements

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#### Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR & MR Submitted online		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	furnished		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	furnished		
9d	Scrutiny of Annual return on afforestation	furnished		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	furnished		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	furnished		

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9g Scrutiny of furnished  
Annual return on  
sale value, Ex.  
Mine price and  
production cost

9h Scrutiny of furnished  
Annual return on  
fixed assets

9k Scrutiny of furnished  
Annual return on  
mining  
machineries

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**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

**Date :****(DEEPAK SHARMA)**

Indian Bureau of Mines