

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

**MCDR inspection REPORT  
Jabalpur regional office**

**Mine file No :** MP/REWA/BX-8

**Mine code :** 07MPR33016

- (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 : 28-JAN-20
- (v) Prev.inspection date : 13-OCT-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **CHITTI (9.716 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : REWA  
Village : CHITTI JAGAR  
Taluka : SIRMOUR  
Post office : KUMHARA- JUDWANI  
Pin Code : 486445  
FAX No. : NA  
E-mail : NA  
Phone : NA
- (f) Police Station :
- (g) First opening date : 07-OCT-11
- (h) Weekly day of rest :
2. Address for :  
correspondance
3. (a) Lease Number : MPR2649  
(b) Lease area : 9.72  
(c) Period of lease : 30  
(d) Date of Expiry : 06-OCT-39
4. Mineral worked : BAUXITE Main  
CLAY (OTHERS) Associated  
OCHRE Associated  
LATERITE Associated

## 5. Name and Address of the

Lessee : JAGDISH DHANERIA  
38, JUNI BAZAR KUMAUTPUR  
JUNI, INDORE (MP) INDORE  
MADHYA PRADESH  
Phone:  
FAX :

Owner : JAGDISH DHANERIA  
119/1, kumawatpura JUNI  
INDORE INDORE MADHYA  
PRADESH  
Phone: NA  
FAX : NA

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 12-SEP-14  
Plan/Scheme of Mining : MP modif under 17(3) MCR 2016 07-MAR-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	nA	na	
1b	Exploration over lease area for geological axis 1 or 2	NP	NP	
1e	Balance reserve as on 01/04/20	-	AS ON 1.4.2019- 121-91,398.77T,221-10,234t	BAUXITE.
1f	General remarks of inspecting officers on geology, exploration etc			THERE IS PROPOSAL FOR EXPLORATION IN NEXT PLAN.TRECHING AND EXPLORATION.VALID FROM 19-12.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	QUARRY 1	QUARRY 4	THERE IS DEVIATION.violation given.also plan and sections not maintained.violation issued.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	YES	MAINTAINED.
2c	Stripping ratio or ore to OB ratio	1:.39	1:0.13	
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	9640M3	5158m3	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	PITS ARE WELL DEVELOPED.VIOLATION ALREADY ISSUED FOR WORKING IN LAST INSPECTION.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	7858 TON	11680 TON.	excess.violation is given in past itself.
3c	Recovery of sailable/usable mineral from ROM production	no	no	all bauxite, laterite used.
3d	Quantity of mineral reject generation	na	na	
3e	Grade of mineral rejects generation and threshold value declared.	na	na	
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.	na	na	
3j	Provision of drilling and blasting in mineral benches	na	na	

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3k	Provision of mining machineries in mineral benches	yes	are used,	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	proposal ok for mechanised mining.	
3m	Total area covered under excavation/pits	4.89 pit,1.365 backfill,0.50d ump,.159 infra	4.98 pit,.159 infra dump,,.159 infra	.50
3p	Production of ROM mineral during the last five year period as applicable	14-15:9315t,15-16:8970,16-17:8452,17-18:8452,18-19-7587.	14-15:4535,15-16:1300,16-17:2140,17-18:876.23,18-19:11680 Ton	
3q	General remarks of inspecting officers on method of mining etc.			mining is done by benching.there has been excess production this year.violation given in past.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4k	Specific comments of inspecting officer on waste dump management			there are no proposal for dumps in this review period.old dumps are to rehandled and backfilled and mined area as per proposal.

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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.	full extraction.	mining done upto proposed depth.	
5b	Area under backfilling of mined out area	2850m3	3000m2	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	no top soil	no top soil	lateritic soil used.
5d	Total area fully reclaimed and rehabilitated	na	na	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			backfilling is done.barrier plantatation as planned is done.

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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).			yes given
6b	Area available for rehabilitation (ha) .	np	no work	
6g	Cost incurred on watch and care during the year			THERE ARE NO PROPOSAL FROM 6B TO 6G FOR WORKED OUT BENCHES.

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6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	1.365 HECT AND 7.7 MTR IN BARRIER. AVAILABLE FOR BACKFILLING		
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	2850M2	3000M2	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	10 SAPLING	10 SAPLING IN BARRIER.	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	.01 HECT	.01 HECT	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			backfilling is done in mines area.barrier plantatation is done.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	Rom	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NP	NA	

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7c	Different grade of mineral sorted out at mines.	NP	NA	
7d	Any beneficiation process at mines .	manual sieving	manual sieving	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			the mine produces bauxite, laterite. all is used.

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NP	NA	
8b	Concurrent use or storage of topsoil	no	no	lateritic soil is used
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	no		backfilling practised.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	yes	done	

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8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	yes	done	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	yes, 30 trees. 10 proposed every year	10 planted.	
8g	Survival rate	80%	75%	
8h	Water sprinkling on roads to control airborne dust	yes	done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			plantaation has been done around lease.records for environment monitoring not maintained at site violation given.

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#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns			they are submitted.in reserve part some error is observed.violation issued.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	information on manager and mining engineer not given		violation issued.

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9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	4.89 hect working,1.365 backfilling,0.50 dump,.150 infra	as per plan proposal
9d	Scrutiny of Annual return on afforestation	15 trees,75% survival.	asper plan
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	na	na
9f	Scrutiny of Annual return on ROM stock and/or graded ore	stock-4316t cement,179.330 t chemical	stocks value given
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	exmine-cement-807rs/t,chemical-1700rs/t.... sale value-cement 850rs/t,chemical 1700rs/t....,cost of production-489/t	values are given
9h	Scrutiny of Annual return on fixed assets	fixed assets- approx 5 lakh rs.	
9k	Scrutiny of Annual return on mining machineries	the details of loader,watertanker,etc are given.	

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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
MCDR17 Rule 55(1)	08-MAY-20				
MCDR17 Rule 32(1)	08-MAY-20				
MCDR17 Rule 45(1)	08-MAY-20				
MCDR17 Rule 11(1)	08-MAY-20				

**Date :**

**(SANDEEP KUMAR SINGH)**

Indian Bureau of Mines