

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

**MCDR inspection REPORT  
Jabalpur regional office**

**Mine file No :** MP/ANNUPPUR/BX-5

**Mine code :** 07MPR38004

- (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 : 17-JUL-12

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GARHI DADAR (4.90 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : ANUPPUR  
Village : GARHIDADAR  
Taluka : PUSPARAJGARH  
Post office : UMARIA  
Pin Code : 484881  
FAX No. : NA  
E-mail : NA  
Phone : NA
- (f) Police Station :
- (g) First opening date : 01-APR-09
- (h) Weekly day of rest :
2. Address for : SHRI IMTIYAZ KHAN  
correspondance : D-2 RESIDENTAL AREA,  
G.T.O. DISTT. INDORE (M.P.)
3. (a) Lease Number : MPR2372
- (b) Lease area : 4.9
- (c) Period of lease : 20
- (d) Date of Expiry : 26-OCT-28
4. Mineral worked : BAUXITE Main

## 5. Name and Address of the

Lessee : IMTIYAZ KHAN  
D-2 RESEDECENCY AREA G.T.O.  
INDORE (M.P.) INDORE MADHYA  
PRADESH  
Phone:NA  
FAX :NA

Owner : IMTIYAZ KHAN  
D-2 RESEDECENCY AREA G.T.O.  
DISTT. INDORE (M.P.)  
INDORE MADHYA PRADESH  
Phone: NA  
FAX : NA

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 14-AUG-14  
Plan/Scheme of Mining MP review under 17(1) MCR 2016 29-MAR-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	nil	nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year			No proposal
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1	G1	
1e	Balance reserve as on 01/04/20	reserves as on 1.4.2019	111- 68445 tons 211- 160425 tons.	entire area explored in g1.bauxite varies in grade from 30 % alumina to 52 % alumina.
1f	General remarks of inspecting officers on geology, exploration etc			entire area is explored in g1.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N-2528100 - 2528200 E-562700 - 562750	N-2528100 - 2528200 E-562700 - 562750	OK
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	YES	1 IS SOIL (2MTR.) 2IN BAUXITE (3.75 MTR.)
2c	Stripping ratio or ore to OB ratio	1:52	1:54	
2d	Quantity of topsoil generation in m3			no top soil

2e	Quantity of overburden generation in m3	5400 m3 soil and 3825 M3 waste.	8350 m3 overburden and waste	development is soil and waste.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			the pit well developed with removal of soil and waste.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	35,190	35,103	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	N/A	N/A	
3f	Quantity of sub grade mineral generation.	N/A	N/A	
3g	Grade of sub grade mineral generation	N/A	N/A	
3h	Manual / Mechanised method adopted for segregating from ROM	MECHANIZED	MECHANIZED	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	N/A	N/A	

3j	Provision of drilling and blasting in mineral benches	YES	ROCKBREAKER	DRILLING BLASTING NOT DONE
3k	Provision of mining machineries in mineral benches	YES	YES	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	YES	YES
3m	Total area covered under excavation/pits	3.9 HECT.	3.5 HEAC.	
3n	Ore to OB ratio for the pit/mine during the year.	1.5	1.5	
3o	Total area put in use under different heads at the end of year	PIT 3.9 HECT. DUMP - 0.45 ROAD - 0.5	PIT -3.5 DUMP - 0.45 ROAD - 0.5	
3p	Production of ROM mineral during the last five year period as applicable	14-15 50,140 15-16 46,230 16-17 38,502 17-18 38,502 18-19 35190	14-15, -49925 15-16 --46,150 16-17,38,475 17-18,20,525 18-19,35,103	
3q	General remarks of inspecting officers on method of mining etc.			

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4b	Location of topsoil, OB and mineral reject dumps	BACK FILLED	BACK FILLED	

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4c	Number of dumps within lease area and outside of lease area	1	1
4e	Number of active and alive dumps.	0	0
4g	Number of dumps established.	0.35HECT.	0.35HECT.
4h	Whether Retaining wall or garland drain all along dumps are there.	YES	YES

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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.	YES	MINED UP TO DEPTH	
5b	Area under backfilling of mined out area	3.0 HECT.	2.2	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	YES , SOIL USED	YES	
5d	Total area fully reclaimed and rehabilitated	1.45 HECT.	.74 HA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			IS LESS

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).			not given ,violation issued.
6b	Area available for rehabilitation (ha) .			not applicable no proposal
6f	Any other method of rehabilitation			not applicable
6g	Cost incurred on watch and care during the year			no proposal
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	3.4 HECT. VOID AVAILABLE		
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	0.3 HECT	0.17 HECT.	Less area available
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	0.3 hect	0.17 hect	less area available.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	N/A	N/A	

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	N/A	N/A	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	N/A	N/A	
6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	monitoring done.	done
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			simeltaneous backfilling and reclamation 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	N/A	N/A	
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	

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7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	manual sieving to remove waste
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**Environment:**

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	N/A	N/A	no top soil
8b	Concurrent use or storage of topsoil	N/A	N/A	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NO DUMPS IN PLAN period	no	backfilling practised.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	YES	YES	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	PROPOSAL	YES	DONE
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	yes 300 plants	300 plants	done.

8g	Survival rate	80%	80%	
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			VERY SMALL AREA.plantataion can be seen in the area.

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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			RETURN NOT SUBMITTED.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager			NOT SUBMITTED.
9d	Scrutiny of Annual return on afforestation			RETURN NOT SUBMITTED.
9h	Scrutiny of Annual return on fixed assets			RETURN NOT SUBMITTED.
9k	Scrutiny of Annual return on mining machineries			return no issued. violation 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 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