

**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 : **G006**) **ABHISHEK RANJAN GAUTAM**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Shri Yogesh Pandey Lessee Representative
Official with
Designation
- (iv) Date of Inspection : 17-JUN-22
- (v) Prev.inspection date : 19-MAR-21

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 RESEDENCY AREA G.T.O.
INDORE (M.P.) INDORE MADHYA
PRADESH
Phone:NA
FAX :NA

Owner : IMTIYAZ KHAN
D-2 RESEDENCY 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	Not proposed	Not applicable	
1b	Exploration over lease area for geological axis 1 or 2	Not proposed	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2		Entire area is placed under G1.	
1e	Balance reserve as on 01/04/20		111-37005 Tons 211-160425	
1f	General remarks of inspecting officers on geology, exploration etc			Entire lease area is placed under G1 level.the bauxite bed has thickness 7.5 mtr av and is covered on top by soil (.25 to 2.5 mtr) and laterite -0-1.0mtr. and lithomargic clay is at bottom of bauxite which marks its end of bauxite.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	PIT ONE E-562800 - 562700 N- 2528025 - 2578175	PIT ONE E-562800 - 562700 2528025 - 2578175	N-

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	1 in waste 2 in mineral	1 in waste 2 in mineral	
2c	Stripping ratio or ore to OB ratio	1:1.52	Nil	Mine is Temporary discontinuance since 01/04/2021.
2d	Quantity of topsoil generation in m3	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021
2e	Quantity of overburden generation in m3	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine is Temporary discontinuance since 01/04/2021.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit	Mine is Temporary discontinuance since 01/04/2021
3b	Quantity of ROM mineral production proposed	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021
3c	Recovery of sailable/usable mineral from ROM production	Not applicable	Not applicable	Mine is Temporary discontinuance since 01/04/2021
3d	Quantity of mineral reject generation	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Not applicable	
3f	Quantity of sub grade mineral generation.	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021

3g	Grade of sub grade mineral generation	Not applicable	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	Mine is Temporary discontinuance since 01/04/2021
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Not applicable	Mine is Temporary discontinuance since 01/04/2021
3j	Provision of drilling and blasting in mineral benches	Yes	Jackhammer drilling.	Mine is Temporary discontinuance since 01/04/2021.
3k	Provision of mining machineries in mineral benches	Yes	Yes	Mine is Temporary discontinuance since 01/04/2021.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3 mtrs	Yes suitable for mechanised mining	Mine is Temporary discontinuance since 01/04/2021.
3m	Total area covered under excavation/pits	4.26 ha	3.75 ha	Mine is Temporary discontinuance since 01/04/2021.
3n	Ore to OB ratio for the pit/mine during the year.	1:1.52	Nil	Mine is Temporary discontinuance since 01/04/2021.
3o	Total area put in use under different heads at the end of year	Pit - 4.26 W/Dump- 0.35 Roads - 0.1	Pit - 4.26 W/Dump- 0.25 Roads - 0.1	Mine is Temporary discontinuance since 01/04/2021.
3p	Production of ROM mineral during the last five year period as applicable	2016-17 38,502 2017-18 38,502 2018-19 35,190 2019-20 27876 2020-21 22795	2016-17 38,475 2017-18 20,525 2018-19 35,103 2019-20 27870 2020-21 2570	Mine is Temporary discontinuance since 01/04/2021.

3q General remarks
of inspecting
officers on
method of mining
etc.

Mine is Temporary
discontinuance
since 01/04/2021.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Backfilling	Backfilling	Mine is Temporary discontinuance since 01/04/2021.
4b	Location of topsoil, OB and mineral reject dumps	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021. Wate material used for backfilling.
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Not applicable	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Not proposed	Not applicable	
4j	Number of settling ponds	Nil	Nil	

4k	Specific comments of inspecting officer on waste dump management	Only one waste dump of low height is made.it is levelled to make road.
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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	full extraction	
5b	Area under backfilling of mined out area	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	concurrent	concurrent	Mine is Temporary discontinuance since 01/04/2021.
5d	Total area fully reclaimed and rehabilitated		3.0 ha	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Lot of area in pit has been backfilled and plantation has been done on same. Mine is Temporary discontinuance since 01/04/2021.

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).			Mine is Temporary discontinuance since 01/04/2021.

6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	Mine is Temporary discontinuance since 01/04/2021.
6c	afforestation done (ha).	0.5 ha	0.5 ha	
6d	No. of saplings planted during the year		300 numbers	
6e	Cumulative no .of plants	Not proposed	Not provided	Mine is Temporary discontinuance since 01/04/2021.
6f	Any other method of rehabilitation	Not proposed	Not applicable	Mine is Temporary discontinuance since 01/04/2021.
6g	Cost incurred on watch and care during the year	Not proposed	Not applicable	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D		approx 1 ha area available for backfilling.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed	Not applicable	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not proposed	Not applicable	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation		Some plantation is done on barriers zone of the mine.	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not proposed	Not applicable	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not proposed	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Being done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Backfilling is being done with plantation on it approximately 2.5 hectare area. Mine is Temporary discontinuance since 01/04/2021.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Separted in to grades	Separted in to grades	Mine is Temporary discontinuance since 01/04/2021.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual	manual	Mine is Temporary discontinuance since 01/04/2021.
7c	Different grade of mineral sorted out at mines.	Metal /cement	Metal /cement	Mine is Temporary discontinuance since 01/04/2021.
7d	Any beneficiation process at mines .	Not proposed	Not applicable	Mine is Temporary discontinuance since 01/04/2021.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine is Temporary discontinuance since 01/04/2021. Ore is sorted in to metal / cement grades at faces/floor and dispatched.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Done	Mine is Temporary discontinuance since 01/04/2021.
8b	Concurrent use or storage of topsoil	concurrent	concurrent	Mine is Temporary discontinuance since 01/04/2021.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	Mine is Temporary discontinuance since 01/04/2021.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	done	Mine is Temporary discontinuance since 01/04/2021.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	being done	Mine is Temporary discontinuance since 01/04/2021.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		Plantation done 300 nos.	
8g	Survival rate		60% approx.	Mine is Temporary discontinuance since 01/04/2021.
8h	Water sprinkling on roads to control airborne dust		Mine is Temporary discontinuance since 01/04/2021.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mine is Temporary discontinuance since 01/04/2021. Plantation is seen on backfilled area. plantation has grown well above 10 ft in some cases.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		The monthly return submitted upto May 2022 & Annual return submitted upto 2021-22	Mine is Temporary discontinuance since 01/04/2021.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Mine is Temporary discontinuance since 01/04/2021.	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mine is Temporary discontinuance since 01/04/2021.
9d	Scrutiny of Annual return on afforestation	300 nos
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mine is Temporary discontinuance since 01/04/2021.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Mine is Temporary discontinuance since 01/04/2021.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Mine is Temporary discontinuance since 01/04/2021.
9h	Scrutiny of Annual return on fixed assets	As per AR
9k	Scrutiny of Annual return on mining machineries	Mine is Temporary discontinuance since 01/04/2021.

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 27(2)	11-JUL-22			
MCDR17	Rule 34(1)	11-JUL-22			

Date :

(ABHISHEK RANJAN GAUTAM)

Indian Bureau of Mines