

FMCP Inspection REPORT

Jabalpur regional office

Mine file No : MP/ANNUPPUR/BX-5

Mine code : 07MPR38004

- (i) Name of the Inspecting : **C004**) **ROBERT SIMON C**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Yogesh Pandey Lessee Representative, Sushil bajpa
Official with
Designation
- (iv) Date of Inspection : 21-MAR-23
- (v) Prev.inspection date : 17-JUN-22

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GARHI DADAR (4.90 HA)**
- (b) **Registration NO.** :
- (c) Category : A
- (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 : Yogesh.pandey16@gmail.com
Phone : 9300593019
- (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

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5. Name and Address of the

Lessee : IMTIYAZ KHAN
D-2 RESEGENCY AREA G.T.O.
INDORE (M.P.) INDORE MADHYA
PRADESH
Phone: 9300593019
FAX :NA

Owner : IMTIYAZ KHAN
D-2 RESEGENCY AREA G.T.O.
DISTT. INDORE (M.P.)
INDORE MADHYA PRADESH
Phone: 9300593019
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

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not proposed	NA	
1b	Exploration over lease area for geological axis 1 or 2	Not proposed	NA	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Entire area is already explored under G1.	Entire area is already explored under G1.	
1e	Balance reserve as on 01/04/20	Not specified	111-37015 T 211-160425 T	
1f	General remarks of inspecting officers on geology, exploration etc			Entire lease areas already explored under G1 level. The bauxite bed has thickness 7.5 mtr and is covered on top by soil (.25 to 2.5 mtr) and laterite 0-1.0 mtr. and lithomargic clays at bottom of bauxite which marks its end of bauxite.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	E-562800 - 562700 N- 2528025 - 2578175	E-562800 - 562700 N- 2528025 - 2578175	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	2 in mineral 1 in waste	2 in mineral 1 in waste	
2c	Stripping ratio or ore to OB ratio	1:0.1	Nil	

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2d	Quantity of topsoil generation in m3	2300 m3	Nil	Violation pointed out under rule 11(1) of MCDR 2017.
2e	Quantity of overburden generation in m3	2169.6 m3	Nil	Violation pointed out under rule 11(1) of MCDR 2017.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Nil topsoil generated against the proposal of 2300 m3 & 2625 m3 of topsoil generation for the year 2021-22 & 2022-23 respectively. Nil OB/waste generated against the proposal of 2169.6 m3 & 1260 m3 of OB/waste generation for the year 2021-22 & 2022-23 respectively. Violation pointed under rule 11(1).

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	19960 T	Nil	Violation pointed out under rule 11(1) of MCDR 2017.
3c	Recovery of sailable/usable mineral from ROM production	Not specified	Entire ROM dispatched	
3d	Quantity of mineral reject generation	Not proposed	NA	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NA	NA	

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3g	Grade of sub grade mineral generation	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.	Not proposed	Not applicable	
3j	Provision of drilling and blasting in mineral benches	Proposed	Not done	
3k	Provision of mining machineries in mineral benches	Proposed	Not done	No production is done for the years 2021-22 & 2022-23 against the proposals of 19960 T and 11592 T respectively.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed	Suitable	
3m	Total area covered under excavation/pits	4.26 ha	3.75 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.1	Nil	
3o	Total area put in use under different heads at the end of year	4.62 ha	4.52 ha	
3p	Production of ROM mineral during the last five year period as applicable	2017-18 38,502 2018-19 35,190 2019-20 27876 2020-21 22795 2021-22 19960	2017-18 20,525 2018-19 35,103 2019-20 27870 2020-21 2570 2021-22 Nil	

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

No production is
done for the years
2021-22 & 2022-23
against the
proposals of 19960
T and 11592 T
respectively.
Hence violation
pointed out under
rule 11(1).

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not proposed	Not done	
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	
4c	Number of dumps within lease area and outside of lease area	01	01	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside UPL	outside UPL	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	NA	NA	
4g	Number of dumps established.	NA	NA	
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	Nil	Nil	

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4k	Specific comments of inspecting officer on waste dump management	Nil OB/waste generated against the proposal of 2169.6 m ³ & 1260 m ³ of OB/waste generation for the year 2021-22 & 2022-23 respectively. Violation pointed out.
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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.		As per Development Plan & sections for the year 2021-22 and 2022-23, there were no proposal to backfill between the Coordinates N2528170 - N2528000 & E 562700 - E 562800 (Virgin area) yet the same area have been backfilled despite not carrying out the excavation/production for the years 2021-22 & 2022-23. The present RLs of the backfilled area suggests that excavation was carried out in the backfilled area which was not approved & also the same was not reported.	Violation pointed out under rule 11(1) of MCDR 2017.
5b	Area under backfilling of mined out area	Not specified	3.00 ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Proposed	Nil topsoil generated against the proposal of 2300 m ³ & 2625 m ³ of topsoil generation for the year 2021-22 & 2022-23 respectively.	Violation pointed out under rule 11(1) of MCDR 2017.
5d	Total area fully reclaimed and rehabilitated	Proposed	3 ha	

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5e General remarks of inspecting officers on backfilling and reclamation etc.

There were no proposal to backfill between the Coordinates N2528170 - N2528000 & E 562700 - E 562800 (Virgin area) yet the same area have been backfilled despite not carrying out the excavation/product ion for the years 2021-22 & 2022-23. The present RLs of the backfilled area suggests that excavation was carried out in the backfilled area which was not approved & also the same was not reported. Violation pointed out under rule 11(1) of MCDR 2017.

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).		PMCP report for the year 2021-22 not furnished.	Violation pointed out under rule 26(2) of MCDR 2017.
6b	Area available for rehabilitation (ha) .	0.6 ha	PMCP report for the year 2021-22 not furnished.	Violation pointed out under rule 26(2) of MCDR 2017.
6c	afforestation done (ha).	0.6 ha	PMCP report for the year 2021-22 not furnished.	Violation pointed out under rule 26(2) of MCDR 2017.
6d	No. of saplings planted during the year	Not specified	200	
6e	Cumulative no .of plants	Not specified	1000 nos approx	

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6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	2.6 ha	1.6 ha
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not specified	300
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	As per proposal

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6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP report for the year 2021-22 not furnished. Violation pointed out under rule 26 (2) of MCDR 2017.
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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 Mineral dispatch	Not done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Not done	
7c	Different grade of mineral sorted out at mines.	Yes	Not done as no production is achieved.	
7d	Any beneficiation process at mines	NOT proposed	Not done	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No beneficiation process at mines adopted.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Nil topsoil generated against the proposal of 2300 m3 & 2625 m3 of topsoil generation for the year 2021-22 & 2022-23 respectively.	Violation pointed out under rule 11(1) of MCDR 2017.
8b	Concurrent use or storage of topsoil	Proposed to be utilised for plantation	NA	

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8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	OB dump proposed	OB dump already maintained	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		There were no proposal to backfill between the Coordinates N2528170 - N2528000 & E 562700 - E 562800 (Virgin area) yet the same area have been backfilled despite not carrying out the excavation/production for the years 2021-22 & 2022-23.The present RLs of the backfilled area suggests that excavation was carried out in the backfilled area which was not approved & also the same was not reported.	Violation pointed out under rule 11(1) of MCDR 2017.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)		There were no proposal to backfill between the Coordinates N2528170 - N2528000 & E 562700 - E 562800 (Virgin area) yet the same area have been backfilled despite not carrying out the excavation/production for the years 2021-22 & 2022-23.The present RLs of the backfilled area suggests that excavation was carried out in the backfilled area which was not approved & also the same was not reported.	Violation pointed out under rule 11(1) of MCDR 2017.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes	Available	
8g	Survival rate	Not specified	60%	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads tocontrol airborne dust proposed	Water sprinkling on roads tocontrol airborne dust carried out.	

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8i General remarks of inspecting officer on aesthetic beauty in and around mines area

Aesthetic beauty in and around mines area is good.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted online.	Submitted online.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Mining Engineer in charge Ajit Kumar Geologist in charge Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	(i) Already exploited & abandoned byopencast (O/C) mining 0.000 3.750 3.750 (ii) Covered under current (O/C)Workings 0.000 0.000 0.000 (iii) Reclaimed/Rehabilitated 0.000 3.000 3.000 (iv) Used for waste disposal 0.000 0.250 0.250 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.100 0.100	Part-I, Sl.No.12, the lease area (surface area) utilisation are furnished incorrectly. Refer Page 41 (8.6 Financial Assurance) of the approved document, there were no proposals of reclamation & rehabilitation but the same was reported which goes against the approved proposals.Violation pointed out under rule 45(7).
9d	Scrutiny of Annual return on afforestation	Given	(i) Number of trees planted during the year 200 (ii) Survival rate in percentage 60.00	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	Category Opening stock(in tonne) Production(in tonne) Closing stock(in tonne) Open Cast Workings 11.780 0.000 11.780	

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	No production is done for the years 2021-22 & 2022-23 against the proposals of 19960 T and 11592 T respectively.
9h	Scrutiny of Annual return on fixed assets	Given	Value of Fixed Assets (in Rs.) 131729
9k	Scrutiny of Annual return on mining machineries	Nil	Nil
			No production is done for the years 2021-22 & 2022-23 against the proposals of 19960 T and 11592 T respectively.

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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 11(1)	15-MAY-23			
MCDR17	Rule 26(2)	15-MAY-23			
MCDR17	Rule 27(2)	15-MAY-23			
MCDR17	Rule 31(4)	15-MAY-23			
MCDR17	Rule 33	15-MAY-23			

Date :**(ROBERT SIMON C)**

Indian Bureau of Mines