

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/REWA/LST-8

Mine code : 38MPR33026

- (i) Name of the Inspecting : **C004**) **ROBERT SIMON C**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 02-NOV-20
- (v) Prev.inspection date : 05-MAR-99

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BIJNATH (3.114 H)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : REWA
Village : BAIJNATH
Taluka : HUZUR
Post office : BHOLGARH
Pin Code : 486450
FAX No. : N. A.
E-mail : N. A.
Phone : 07662-40605
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : SHRI RAMESH KUMAR MASANI
correspondance FORT ROAD, REWA (M.P.)
3. (a) Lease Number : MPR0362
(b) Lease area : 3.11
(c) Period of lease : 40
(d) Date of Expiry : 30-SEP-34
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : RAMESH KUMAR MASANI
FORT ROAD, REWA REWA
MADHYA PRADESH
Phone:N. A.
FAX :N. A.

Owner : RAMESH KUMAR MASANI
FORT ROAD REWA MADHYA
PRADESH
Phone: N. A.
FAX : N. A.

6. Date of approval of Mining : Renewal under rule 22 MCR1960 15-MAY-00
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal since 2005-06	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposal since 2005-06	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal since 2005-06	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal since 2005-06	Nil	
1e	Balance reserve as on 01/04/20	No proposal	Total 225767 t. Mineable reserves as on 1-4-2020	
1f	General remarks of inspecting officers on geology, exploration etc			No proposal since 2005-06

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal since 2005-06	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No proposal	NA	
2d	Quantity of topsoil generation in m3	No proposal	NA	

2e	Quantity of overburden generation in m3	No proposal	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No proposal since 2005-06

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	NA	
3b	Quantity of ROM mineral production proposed	No proposal	NA	
3c	Recovery of sailable/usable mineral from ROM production	No proposal	NA	
3d	Quantity of mineral reject generation	No proposal	NA	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	No proposal	NA	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	NA	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	NA	
3k	Provision of mining machineries in mineral benches	No proposal	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	found suitable for mining	
3m	Total area covered under excavation/pits	No proposal	0.862	
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	NA	
3o	Total area put in use under different heads at the end of year	No proposal	0.862 ha	
3p	Production of ROM mineral during the last five year period as applicable	No proposal	Nil	
3q	General remarks of inspecting officers on method of mining etc.			No proposal since 2005-06

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	NA	

4b	Location of topsoil, OB and mineral reject dumps	No proposal	No dumps found	
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	
4e	Number of active and alive dumps.	No proposal	Nil	
4f	Number of dead dumps.	No proposal	Nil	
4g	Number of dumps established.	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil	
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			No proposal since 2006-06

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.	No proposal	Nil	

5b	Area under backfilling of mined out area	No proposal	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.		

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).	No proposal	NA	
6b	Area available for rehabilitation (ha) .	No proposal	NA	
6c	afforestation done (ha).	No proposal	NA	
6d	No. of saplings planted during the year	No proposal	Nil	
6e	Cumulative no .of plants	NA		
6f	Any other method of rehabilitation	No proposal	NA	
6g	Cost incurred on watch and care during the year	NA	NA	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	NA

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	NA	
7c	Different grade of mineral sorted out at mines.	No proposal	NA	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No proposal since 2005-06

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NA	
8b	Concurrent use or storage of topsoil	No proposal	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	NA	
8g	Survival rate	No proposal	NA	
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No proposal since 2005-06

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	yes	AR submitted till 2019-20 MR submitted till Sep 2020	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	yes	Covered under current (O/C) Workings 0.862	
9d	Scrutiny of Annual return on afforestation	yes	nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	yes	nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	yes	nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	yes	nil	
9h	Scrutiny of Annual return on fixed assets	yes	nil	
9k	Scrutiny of Annual return on mining machineries	yes	nil	

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 :**(ROBERT SIMON C)**

Indian Bureau of Mines