

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

MCDR inspection REPORT

Nagpur regional office

Mine file No : MP/DHR/LST-56/NGP

Mine code : 38MPR12072

- (i) Name of the Inspecting : **SQ31**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Anil Sharma
Official with
Designation
- (iv) Date of Inspection : 16-JUL-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

- 1. (a) **Mine Name** : **GHURSAL**
- (b) **Registration NO.** : **IBM/20034/2015**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : DHAR
Village : GHURSAL
Taluka : MANAWAR
Post office : MANAWAR
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 25-SEP-13
- (h) Weekly day of rest : SUN
- 2. Address for : 50, SHANTI NIKETAN,
correspondance BEHIND BOMBAY HOSPITAL,
INDORE-452010
- 3. (a) Lease Number : MPR2165
- (b) Lease area : 3
- (c) Period of lease : 30
- (d) Date of Expiry : 24-NOV-35
- 4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : MOHAN LAL BANSAL
50, SHANTI NIKETAN, BEHIND
BOMBAY HOSPITAL INDORE
INDORE MADHYA PRADESH
Phone:9425064203
FAX :0731-4075937

Owner : MOHAN LAL BANSAL
MOHAN LAL BANSAL DHAR MP
DHAR MADHYA PRADESH
Phone:
FAX :

Agent : MOHAN LAL BANSAL
MOHAN LAL BANSAL DHAR,MP
DHAR MADHYA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 16-DEC-96
Plan/Scheme of Mining : MP modif under MCR 1960 08-AUG-16

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal for exploration given	entire area already been explored upto G1 level of exploration	No exploration proposed, area already explored upto G1 level of exploration
1b	Exploration over lease area for geological axis 1 or 2	lease area explored upto the geological axis 1	lease area already explored upto the geological axis 1	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	not proposed	not proposed not available	
1d	Balance area to be explored to bring Geological axis in 1 or 2	area explored upto geological axis 1	area explored upto geological axis 1	
1e	Balance reserve as on 01/04/20	111=180482 t 211=33487 t	111=180482 t 211= 33487 t	mine operations were closed.
1f	General remarks of inspecting officers on geology, exploration etc			lease area belongs to Bagh beds of cretaceous age, limestone of teh area is coralline limestone with decap traps and nimar sandstone

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	it was proposed to work in the central part of the lease area from grid S200 to S100	development not as per proposal given	mining operations were not in progress.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	it was proposed to maintain the width of the benches 6m	development not as per proposal given	mining operations were not in progress.
2c	Stripping ratio or ore to OB ratio	NIL	NIL	
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No generation of top soil and overburden proposed as the thickness of 1st 8-9 m in terms of deposition and no top soil, OB generation proposed, mining operations not in progress as per proposal

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One pit proposed for production in the reporting year	One Pit with old excavation	no fresh excavation observed
3b	Quantity of ROM mineral production proposed	51490 t	Not Reported	
3c	Recovery of sailable/usable mineral from ROM production	48915 t	Not Reported	
3d	Quantity of mineral reject generation	NIL	NIL	

3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL
3f	Quantity of sub grade mineral generation.	NIL	NIL
3g	Grade of sub grade mineral generation	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	segregation not proposed	No activity observed
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	NIL
3j	Provision of drilling and blasting in mineral benches	drilling and blasting proposed through the compressed air fed wagon drill	No drillign and blasting operation observed at the time of inspection
3k	Provision of mining machineries in mineral benches	use of HEMM proposed for mining in mineral benches	No use of HEMM operations observed at the time of inspection
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	height of bench proposed as 7-8 m	as teh deiphosition of the area is of 8-9 m max, height of benches are suitable for method of mining
3m	Total area covered under excavation/pits	4846 sq meter	3500 sq m (approx)
3n	Ore to OB ratio for the pit/mine during the year.	Not proposed	NIL

3o	Total area put in use under different heads at the end of year	1.5775 hect	1.26 hect (approx)	
3p	Production of ROM mineral during the last five year period as applicable	Not reported	Not reported	
3q	General remarks of inspecting officers on method of mining etc.			mining operatios are not as per proposal

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	NIL	
4b	Location of topsoil, OB and mineral reject dumps	Not Proposed	NIL	
4c	Number of dumps within lease area and outside of lease area	two dumps	two dumps	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	inside lease area in the northern portion of the lease area	inside lease in the northern portion of lease area	
4e	Number of active and alive dumps.	two	two	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	Not proposed	NIL	

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	Not Proposed	NIL	
4k	Specific comments of inspecting officer on waste dump management			two dumps were seen in the lease area, in the northern portion of the lease area

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 Backfilling proposed for the reporting year	NIL no area mature enough for backfilling	
5b	Area under backfilling of mined out area	Not Proposed	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	it was proposed to use OB for maintance of road withing lease area	as per proposal OB used in the maintance of road within lease area	
5d	Total area fully reclaimed and rehabilitated	not proposed	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No area is mature enough for backfilling till date, OB has been used in the maintance of road within lease area

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).	NIL	NIL	
6b	Area available for rehabilitation (ha) .	Not proposed	NIL	
6c	afforestation done (ha).	Not proposed	NIL	
6d	No. of saplings planted during the year	NIL	NIL	
6e	Cumulative no .of plants	NIL	NIL	
6f	Any other method of rehabilitation	Not proposed	NIL	
6g	Cost incurred on watch and care during the year	NIL	NIL	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not proposed	NIL	
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)Afforestati on on backfilled area	NIL	NIL	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NIL	NIL	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NIL	NIL	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	NIL	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	NIL	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No proposal was given for reclamation and rehabilitation

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM is being proposed for dispatch to cement plant	ROM dispatched	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal given for grade wise mineral sorting	NIL	
7c	Different grade of mineral sorted out at mines.	Not proposed	NIL	
7d	Any beneficiation process at mines	Not proposed	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No sorting or beneficiation process proposed neither observed

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation proposed in the reporting year	NIL	
8b	Concurrent use or storage of topsoil	it was proposed to use top soil and OB in the maintenance of road within lease area	OB has been used in the maintenance of road within lease area	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	as per proposal two dumps present in the lease area	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	not proposed	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	not proposed	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	NIL	
8g	Survival rate	NIL	NIL	
8h	Water sprinkling on roads to control airborne dust	proposed	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			OB has been used in the maintenance of roads within lease area, no area mature enough for bacfilling, no planttaion proposed during the reporting year

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly report submitted online by lessee, AR is not submitted online	AR not submitted online	voilation has been sent for the same

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not provided	AR not submitted online no information provided regarding ME, Geologist
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	AR not submitted
9d	Scrutiny of Annual return on afforestation	NIL	NA
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NA
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NA
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NIL
9h	Scrutiny of Annual return on fixed assets	NA	NIL
9k	Scrutiny of Annual return on mining machineries	NIL	NA

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)	22-OCT-19			
	Rule 45(5)	22-OCT-19			
	Rule 55	22-OCT-19			

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines