

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/KATNI/LST-288

Mine code : 38MPR47126

- (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 : 06-MAR-20
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BADARI (1.51 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : KATNI
Village : BADARI
Taluka : VIJAYRAGHAVGARH
Post office : BADARI
Pin Code : 483501
FAX No. : NA
E-mail : NA
Phone : NA
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : SHRI SUKHDEO PRASAD GOENKA
correspondance : GOENKA BHAWAN, STATION ROAD, KATNI (M.P.) 483501
3. (a) Lease Number : MPR2499
(b) Lease area : 1.51
(c) Period of lease : 20
(d) Date of Expiry : 01-SEP-23
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : SUKHDEO PRADAD GOENKA
GOENKA BHAWAN, STATION
ROAD, KATNI MADHYA PRADESH
Phone:NA
FAX :NA

Owner : SUKHDEO PRASAD GOENKA
GOENKA BHAWAN STATION ROAD
KATNI MADHYA PRADESH
Phone: N. A.
FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 31-OCT-14
Plan/Scheme of Mining MP review under 17(1) MCR 2016 25-JUN-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NP	NO BACKING	
1b	Exploration over lease area for geological axis 1 or 2	NP	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NP	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL;	NIL	
1e	Balance reserve as on 01/04/20	RESERVES AS ON 01.04.2019.	111-1863.300 211-722599	
1f	General remarks of inspecting officers on geology, exploration etc			The limestone of region falls in rohtas stage of semri group of vinhoyan, super group. It has limestone varying from 2.5 to 19 mtr limestone & contriued upto area is very small = 1.51 hect & mostly excavated. Alternate each other. REVIEW YEAR (18-19)

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit 1	Pit 1	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	one in scree soil & mineral	i in mineral scree	1 in soil	
2c	Stripping ratio or ore to OB ratio	1:0.35		1:0.30	
2d	Quantity of topsoil generation in m3	5160 m3		4873 m3	
2e	Quantity of overburden generation in m3	1754 m3		1530 m3	intercalated waste
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc				Mine is well developed by benching.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	39474 t	39378 t	Removal of INTER CALATED WASTE
3j	Provision of drilling and blasting in mineral benches	proposed	Provided	
3k	Provision of mining machineries in mineral benches	proposed	provided	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes 2.5, 5 mtr	suitable	

3m	Total area covered under excavation/pits	1.15		
3o	Total area put in use under different heads at the end of year	1.51 hect	1.51 hect	
3p	Production of ROM mineral during the last five year period as applicable	18-19 - 39474	year -18-19-	39378
3q	General remarks of inspecting officers on method of mining etc.			mechanised mining has been done in benches with machines.The area is very small and mostly excavated.Plan is from 18-19 to 22-23

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	soil & scree,intercalated waste	soil & scree/intercalated waste	soil used for barrier/intercalated used in backfilling barrier.
4b	Location of topsoil, OB and mineral reject dumps	used for barrier zone	done	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	at barrier area	at barrier area	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	02	02	

4k	Specific comments of inspecting officer on waste dump management	Two old dumps exist. presently waste is put in barrier zone.
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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.	NP	NIL	
5b	Area under backfilling of mined out area	For barrier zone.	done	
5d	Total area fully reclaimed and rehabilitated	nil	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Only backfilling is done in barrier zone.mined barrier is backfilled for south/south eastern zone.

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).			report not submitted. violation given.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D		0.9256 hect area-pit area,.0554 barrier area	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	.0554 barrier arae	.0554 barrier	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	nil	nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	np	nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	barrier plantation 480 m2	done	
6p	Compliance of environmental monitoring (core zone and buffer zone)	proposed	done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			There is proposal to fill mined out barrier zone 0.554 hect in year.No backfilling in pit and greenbelt @ 900 m2/yr.The backfilling is being done and plantation is done.

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	ROM	Seperation of waste at face and manually done.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	na	na	
7c	Different grade of mineral sorted out at mines.	na	na	
7d	Any beneficiation process at mines .	np	na	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			intercalated waste ir removed from limestone and mineral is sent,

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed	done	
8b	Concurrent use or storage of topsoil		done	
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	planned after total mining
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	additional 100 Nos	100 Nos	
8g	Survival rate		60%	
8h	Water sprinkling on roads to control airborne dust	proposed	done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			plants are seen in barrier, old dumps.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	yes submitted		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		ME and GEOLOGIST info not given	violation issued
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	1.5 pit area		

9d	Scrutiny of Annual return on afforestation	100 Nos given
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	SMS Grade - 85993 344 Rs exmine price as per AR

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 26(2)	19-MAY-20			
MCDR17	Rule 55(1) (1	19-MAY-20			
MCDR17	Rule 35(1)	19-MAY-20			
MCDR17	Rule 32(1) (a	19-MAY-20			

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines