

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/KATNI/LST-289

Mine code : 38MPR47136

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 31-MAY-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BADAGOON**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : KATNI
Village : BADAGAON
Taluka : BADWARA
Post office : MURWARA
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 25-MAR-13
- (h) Weekly day of rest :
2. Address for : ASHOK KUMAR GOENKA
correspondance : STATION ROAD KATNI
3. (a) Lease Number : MPR0803
- (b) Lease area : 5.97
- (c) Period of lease : 50
- (d) Date of Expiry : 04.09.2059
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : ASHOK KUMAR GOENKA
GOENKA BHAWAN STATION ROAD
KATNI MADHYA PRADESH
Phone:N. A.
FAX :N. A.

Owner : ASHOK KUMAR 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 08-OCT-14
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	it was proposed to drill 2 nos of boreholes and 2 trenches in the year 2018-19 and 04 borehole in the year 2019-20	the said exploration was not carried out	violation for the deviation issued
1b	Exploration over lease area for geological axis 1 or 2	ML area explored upto G2 level	ML area explored upto G2 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Proposed	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	5.97 hect needs to explore upto G1 level	5.97 hect required to explored upto G1 level	
1e	Balance reserve as on 01/04/20	as on 01.04.2014 111-18521 221-16639 331-20764	as on 01.04.2019 122-63450 222-32927 332-96377	units in tonnes

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	it was proposed to work in the pit 1 in the northern side of the lease area	workign was deviated from the sadi location of working	voilation was issued for the deviation
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	proposed	Separate benches formed in the soil of 1-meter and i mineral 4-meter	

2c	Stripping ratio or ore to OB ratio	1:7.20	1:7.85	
2d	Quantity of topsoil generation in m3	4932	5600	
2e	Quantity of overburden generation in m3	1409	2500	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			workign was not as per proposal therefore deviation pointed out under 11(1) of MCDR 2017

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	single pit	two pits	
3b	Quantity of ROM mineral production proposed	1762 tonnes	1549 tonnes	
3c	Recovery of sailable/usable mineral from ROM production	90%	75-80%	
3d	Quantity of mineral reject generation	Not Proposed	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	Nil	
3f	Quantity of sub grade mineral generation.	Not Proposed	Nil	
3g	Grade of sub grade mineral generation	Not Proposed	Nil	

3h	Manual / Mechanised method adopted for segregating from ROM	Manual	manual method adopted for rom segregation from minor mineral	
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	Proposed	on contract basis	
3k	Provision of mining machineries in mineral benches	Not Proposed	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Suitable	as per approved mining plan	
3m	Total area covered under excavation/pits	1.3424	1.255	
3n	Ore to OB ratio for the pit/mine during the year.	1:1.72	1:1.76	
3o	Total area put in use under different heads at the end of year	2015-16=1544 2016-17=1544 2017-18=1544 2018-19=1544 2019-20=1762	2015-16=1540 2016-17=0 2017-18=1539 2018-19=1447.225 2019-20=1549	
3q	General remarks of inspecting officers on method of mining etc.			Manual method of mining adopted

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping proposed of topsoil, OB and mineral rejects (Rule 32,33)		separate dumps available within the lease area for mineral stack, waste and soil	
4b	Location of topsoil, OB and mineral reject dumps	in the eastern part of the ML	in teh eastern side of the ML 05 nos of phyllits stacks are available	
4c	Number of dumps within lease area and outside of lease area	4 nos	5 nos	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within the UPL	within the UPL	
4e	Number of active and alive dumps.	4 nos	5 nos active dumps	
4f	Number of dead dumps.	Not Proposed	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			waste dumps are placed in the eastern part of the ML area

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	full extraction of mineral proposed	full extrcation of mineral is under goin	
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)	proposed	soil is used in planttaion over barrier zone	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Backfilling not started yet, full extraction of mineral under process, no area is fully mature enough for backfilling

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).	proposed	Not Submitted	
6b	Area available for rehabilitation (ha) .	Not Proposed	Nil	
6c	afforestation done (ha).	0.256	0.198	
6d	No. of saplings planted during the year	50 nos	20 nos	

6e	Cumulative no .of plants	500	150 nos
6f	Any other method of rehabilitation	Not Proposed	Nil

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM grade wise sorting proposed	grade wise sorting is being done by manual labors	
7b	Method of grade- wise mineral sorting i.e. manual or mechanical.	manual method proposed	manual method is adopted	
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			Manual method adopted for segragation of ROM and waste

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed	soil is being used ij spreading over barrier zone	
8b	Concurrent use or storage of topsoil	proposed	soil is being used in barrier zone	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	separate dumping under process	
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)	proposed	as per approved mining plan	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	proposed	as per approved mining plan	
8g	Survival rate	80%	60%	
8h	Water sprinkling on roads to control airborne dust	proposed	with the use of water tanker	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			needs improvements

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	AR submitted 2020-21 MR submitted upto Oct 2021	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished	Mining Engineer in charge Harsh Mishra
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	<p>Already exploited & abandoned by opencast (O/C) mining 0.000 0.000 0.000</p> <p>(ii) Covered under current (O/C) Workings 0.000 0.625 0.625</p> <p>(iii) Reclaimed/Rehabilitated 0.000 0.000 0.000</p> <p>(iv) Used for waste disposal 0.000 0.265 0.265</p> <p>(v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.500 0.500</p> <p>(vi) Other Purpose (0) 0.000 0.200 0.200</p> <p>(vii) Work done under progressive mine closure plan during the year 0.000 0.001 0.001</p>
9d	Scrutiny of Annual return on afforestation	Furnished	Furnished

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Furnished	<p>Grade-wise production, Despatches, Stocks and Ex-mine prices of Processed ore(LIMESTONE)</p> <p>Grades Opening stock at mine head (in tonne)</p> <p>Production (in tonne)</p> <p>Despatches from mine head (in tonne)</p> <p>Closing stock at mine head (in tonne)</p> <p>Ex-mine price (in . Per Tonne)</p> <p>(a) LD 0.000 0.000 0.000 0.000 0.00</p> <p>(b) SMS 0.000 0.000 0.000 0.000 0.00</p> <p>(c) Chemical 0.000 0.000 0.000 0.000 0.00</p> <p>(d) BF 0.000 0.000 0.000 0.000 0.00</p> <p>(e) Cement 1981.600 1549.000 2881.530 649.070 356.00</p>
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Furnished	<p>Category Opening stock (in tonne)</p> <p>Production (in tonne)</p> <p>Closing stock (in tonne)</p> <p>(a) Open Cast Workings 0.000 1549.000 0.000</p> <p>(b) Underground Workings 0.000 0.000 0.000</p> <p>(c) Dump Workings 0.000 0.000 0.000</p>
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Furnished	<p>Ex Mine Price 365.00</p> <p>Cost of Production 308.00</p>

9h	Scrutiny of Annual return on fixed assets	Furnished	Value of Fixed Assets (in INR) 1824715
9k	Scrutiny of Annual return on mining machineries	Furnished	Nil

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 11(1)	24-JUN-19			
MCDR17	Rule 37(1)	24-JUN-19			
MCDR17	Rule 44	24-JUN-19			

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines