INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION

MCDR INSPECTION REPORT

Jabalpur regional office

Mine file No : MP/KTN/LST-209 **Mine code : 38MPR47040**

(i) Name of the Inspecting Officer and ID No. : **007**) **SHANTANU DASGUPTA**

(ii) Designation : Junior Mining Geologist

(iii) Accompaning mine Official with Designation :

(iv) Date of Inspection : 13-DEC-17

(v) Prev.inspection date : 19-MAR-10

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BADARI**

(b) Category : A Fully Mechanised

(c) Type of Working : Opencast

(d) Postal address

State : MADHYA PRADESH

District : KATNI

Village :

Taluka :

Post office :

Pin Code :

FAX No. : N. A.

E-mail : N. A.

Phone : N. A.

(e) Police Station :

(f) First opening date : 30-NOV-92

2. Address for correspondance : SHRI ASHOK KUMAR DUBEY
NADI PAR, KATNI (M.P.) 483501

3. (a) Lease Number : MPR0603

(b) Lease area : 10.25

(c) Period of lease : 10

(d) Date of Expiry :

4. Mineral worked : LIMESTONE Main

5. Name and Address of the
   Lessee : ASHOK KUMAR DUBEY
   & SMT.SUNITA & VIDHYA DEVI
   DUBEY NADI PAR, KATNI
   MADHYA PRADESH
   Phone:N. A.
   FAX :N. A.

   Owner : ASHOK KUMAR DUBEY
   & SMT.SUNITA & VIDHYA DEVI
   DUBEY, NADI PAR KATNI
   MADHYA PRADESH
   Phone: N. A.
   FAX : N. A.
6. Date of approval of Mining Plan/Scheme of Mining : 16-DEC-16

PART - II : TECHNICAL DETAILS/COMMENTS

1. Details about Average employment :
Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
DIRECT		
Managerial	**3**	**250**
Supervisory	**3**	**250**
CONTRACT		
Workers	**60**	**250**
Others	**6**	**250**

2. Community Development Plan (in and around the mines) : Proposed action and expenditure towords socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for previous year Proposed	previous year Incurred	current year Proposed	current year Incurred	Remarks
General					
Housing	6.00	6.00	0.00	6.00	
Water supply	1.00	1.00	0.00	1.00	
Sanitation	1.00	2.00	1.00	2.00	
Health	1.00	1.00	1.00	4.00	
Sub total	**9.00**	**10.00**	**2.00**	**13.00**	
Infrastructure					
Electricity	4.00	4.00	2.00	6.00	
Sub total	**4.00**	**4.00**	**10.00**	**6.00**	
Environment management	**5.00**	**1.00**	**4.00**	**6.00**	
Total	**18.00**	**7.00**	**16.00**	**25.00**	

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

It was associated with the ministry referance inspection. No further violation observed.

If the mine ever prosecuted then date of last judgement with rules for which prosecution launched

Date of Decision : 23-SEP-02 Result : Compounded Details :

Fine imposed/Compounding fees collected: 8000 Rules : Rule 13(1)
Rule 29

If the mine ever prosecuted then date of last judgement with rules for which prosecution launched

Date of Decision : 26-DEC-02 Result : Compounded Details :

Fine imposed/Compounding fees collected: 3000 Rules : Rule 45(1)(a)

If the mine ever prosecuted then date of last judgement with rules for which prosecution launched

Date of Decision : 21-JAN-06 Result : Decided Details : In favour of Dept.

Fine imposed/Compounding fees collected: 5000 Rules : Rule 9(1)

If the mine ever prosecuted then date of last judgement with rules for which prosecution launched

Date of Decision : 15-MAY-17 Result : Decided Details : In favour of Dept.

Fine imposed/Compounding fees collected: 20000 Rules : Rule 13(1)

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 19888, if recommended.

Suspension of mining operations under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988 is not recommended.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
b.Total area covered	: There was no Proposal for prospecting and exploration.	There was no Proposal for prospecting and exploration as whole area is explored	--
a.Type of prospecting and exploration i.e. pitting, drilling	: There was no Proposal for prospecting and exploration	NA	--
B. Working (Rule 13)			
b.Bench size(LxWxH)length can be defined as regular/irregular	: One bench in OB 5 Benches in Lime stone	One bench in OB 5 Benches in Lime stone	
a.Number and size of each pit (LxWxH)	: Only one big pit 9.51 Hact	Only one big pit 9.51 Hact	
c.Ore to waste ratio pit wise if possible otherwise for mine	: 1:0.77	1:0.77	
d.Total area covered under excavation/pits	: 9.51 hact	9.51 hact	
C. Waste disposal (Rule 13)			
a.Location of dumps	: South of the pit	South of the pit	
b.Method of dumping whether advancing/retreat	: Advancing	Advancing	
D. Reserve			
a.Reserve position as per latest MP/MS and at the time of inspection.	: 1149316.00 T as per latest MP/MS and at the time of inspection.	1149316.00 Tones as per latest MP/MS and at the time of inspection.	

RESERVE POSITION AS ON 01/04/2017

LIMESTONE

Category	Quantity in Tonnes	Grade
Proved	1149316	BF and Cement Grade
Probable	0	
Possible	0	
Total	1149316	BF and cement Grade

PRODUCTION FOR THE PREVIOUS YEAR 2016 - 2017

Mineral	Production	Unit
LIMESTONE	73700	TON

6. Conservation of Mineral - both quantitative and qualitative

Beneficiation (Rule 20 and 26)

Efforts for improving low grade and sub grade mineral.	:	No subgrade mineral generated, low grade supplied to cement industry.so no benificiation.

Minearl Rule 15

Number of benches in ore and waste.	:	One bench in OB 5 Benches in Lime stone
Percentage of recovery of ore pitwise w.r.t. ROM and total material	:	90%

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade	:	No subgrade mineral generated, low grade supplied to cement industry.
Number and size of each stack	:	No subgrade mineral generated, low grade supplied to cement industry.
Total area covered for stacking	:	No subgrade mineral generated, low grade supplied to cement industry.
Separate stacking from waste	:	No subgrade mineral generated, low grade supplied to cement industry.
Location of stacking.	:	No subgrade mineral generated, low grade supplied to cement industry.

Exploration data as on 31/03/ 2017

No. of Boreholes	No. of Pits	No. of Trenches
0	0	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2016 - 2017

Overbuden/waste removed (in m3) : 61600

Utilisation of Sub Grade Mineral and Mineral Rejects

	Generated	Utilised	Stacked	(In Ton.)

7. Environment Management - both quantitative and qualitativ

A. Land environment

a. Landscape.	:	Plain land
b. Aesthetic environment	:	Barren land scape with pits,dumps and about 150 trees.
c. Soil and land use pattern	:	About 3m. alluvium soil present in the lease area.
h. Public building, places and monuments (protected, historical), placec of worship and places of tourist	:	None in the lease area.
e. Forest(flora and fauna)	:	None in the lease area.
f. Vegetation	:	None in the lease area.
d. Agriculture	:	None in the lease area.

7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

Water Management

Season	Station type	Station name	Parameter	Value	
				Actual	Excess

Air data for excess parameters

Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

PLANTATION DURING THE PREVIOUS YEAR 2016 - 2017

Area in Hect.

TOP SOIL MANAGEMENT

Quantity as on 31/03/2017

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

UNFC classification was not properly mentioned in the annual return of 2015.

PART - III : PERFORMANCE OF MINE OWNER

(In case of lease expiring within 2 years - as per guidelines)

a. Compliance of terms and conditions of lease deed.

Not Applicable as the lease period is upto 23/11/2022.

b. Compliance of the provisions of MCDR, 88 and advise given.

Not Applicable as the lease period is upto 23/11/2022.

c. Conduct with regard to adoption of safety measures and forest wealth, ecology and environment in the mining lease area.

Not Applicable as the lease period is upto 23/11/2022.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

NIL

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

NIL

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

NIL

Date :

(**SHANTANU DASGUPTA**)

Indian Bureau of Mines