

**INDIAN BUREAU OF MINES  
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

**MCDR INSPECTION REPORT**

**Jabalpur regional office**

**Mine file No :** MP/KTN/LST-237

**Mine code :** 38MPR47019

- (i) Name of the Inspecting : **007** ) **SHANTANU DASGUPTA**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 13-DEC-17
- (v) Prev.inspection date : 28-FEB-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **AMETHA**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address  
State : MADHYA PRADESH  
District : KATNI  
Village : AMETHA  
Taluka : V.GARH  
Post office :  
Pin Code :  
FAX No. : N. A.  
E-mail : N. A.  
Phone : 53730
- (e) Police Station : VIJARAHHOGARH
- (f) First opening date : 23-AUG-78
2. Address for : SHRI KAILASH CHAND BAGARIA  
correspondance : STATION ROAD, KATNI (M.P.) 483501
3. (a) Lease Number : MPR0220  
(b) Lease area : 2.82  
(c) Period of lease : 10  
(d) Date of Expiry : 04-DEC-91
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : KAILASH CHAND BAGARIA  
 STATION ROAD KATNI KATNI  
 MADHYA PRADESH  
 Phone:09425330680/9893158602  
 FAX :NIL

Owner : KAILASH CHAND BAGARIA  
 M/S K.C.BAGARIA SONS  
 STATION ROAD, KATNI MADHYA  
 PRADESH  
 Phone: 07622-223767/ 9  
 FAX : 07622-222771

6. Date of approval of Mining : 25-JUN-15  
 Plan/Scheme of Mining

**PART - II : TECHNICAL DETAILS/COMMENTS****1. Details about Average employment :**

**Maximum number of persons employed on any day during the year**

<b>Employment category</b>	<b>No.of employment</b>	<b>Av. yearly working days</b>
<b>DIRECT</b>		
<b>Managerial</b>	2	250
<b>Supervisory</b>	3	250
<b>CONTRACT</b>		
<b>Workers</b>	60	250

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

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
<b>General</b>					
Sanitation	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
<b>Sub total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Infrastructure</b>					
<b>Sub total</b>			<b>0.00</b>		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	

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

This was associated with inspection with ministry referance, no violation is seen.

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

Date of Decision : 13-JAN-16      Result : Decided      Details : In favour of Dept.

Fine imposed/Compounding fees collected: 40000      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, 1988, 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.at present.

**5. Scientific Mining**

Items	Proposal	Actual work done	Remarks
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**A. Exploration (Rule 13)**

a.Type of prospecting : Two bore hole were  
and exploration i.e. proposed on quarry  
pitting, drilling bottom. Two bore hole were done  
on quarry bottom.

b.Total area covered : 7.52H 7.52H

**B. Working (Rule 13)**

a.Number and size of : 380x150x25 340x120x24  
each pit (LxWxH)

c.Ore to waste ratio : 1:0.35 1:0.35  
pit wise if possible  
otherwise for mine

d.Total area covered : 3.44 Hact 3.32 Hact  
under excavation/pits

**C. Waste disposal (Rule 13)**

a.Location of dumps : South of the lease South of the lease hole  
hole along the along the lease boundary  
lease boundary

b.Method of dumping : advancing advancing  
whether  
advancing/retreat

c.Total area covered : 0.60 0.60  
under waste dump.

**RESERVE POSITION AS ON 01/04/2017**

<b>LIMESTONE</b>		
Category	Quantity in Tonnes	Grade
Proved	0	
Probable	1232201	BF and Cement Grade
Possible	0	
Total	1232201	BF and Cement Grade

**PRODUCTION FOR THE PREVIOUS YEAR 2016 - 2017**

Mineral	Production	Unit
LIMESTONE	33010	TON

**6. Conservation of Mineral - both quantitative and qualitative****Beneficiation (Rule 20 and 26)**

Efforts for improving low grade and sub grade mineral. : Not applicable

**Mineral Rule 15**

Number of benches in ore and waste. : 3 Benches in OB  
4 Benches in Limestone

**Sub/grade mineral/fines (Rule 16)**

Number and size of each stack : There is no subgrade, low grade used to supplied to the Cement Plant.

Qty of yearly generation and total qty available during inspection with grade : There is no subgrade, low grade used to supplied to the Cement Plant.

Location of stacking. : There is no subgrade, low grade used to supplied to the Cement Plant.

Separate stacking from waste : There is no subgrade, low grade used to supplied to the Cement Plant.

Total area covered for stacking : There is no subgrade, low grade used to supplied to the Cement Plant.

**Exploration data as on 31/03/ 2017**

No. of Boreholes

No. of Pits

No. of Trenches

**OVERBURDEN HANDLED DURING PREVIOUS YEAR 2016 - 2017**

Overburden/waste removed (in m3) : 176250

**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. : Undulating topography in general, the area comes in between the lease of M/s ACC lease area.
- b. Aesthetic environment : Aesthetic environment is maintained almost
- c. Soil and land use pattern : Soil is used for plantation purpose & the land use pattern are satisfactory.
- d. Agriculture : No agriculture.
- e. Forest (flora and fauna) : Barren Area
- h. Public building, places and monuments (protected, historical), place of worship and places of tourist : No public building, places and monuments (protected, historical), place of worship and places of tourist in the lease area.
- f. Vegetation : No vegetation, except some wild bushes.

**B Water environment.**

- a. Surface water : No surface water
- b. Ground water : The existence of water in the quarry is noticed, accumulated water during rainy seasons.

**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.**

<u>Water Management</u>					
Season	Station type	Station name	Parameter	Value	
				Actual	Excess

<u>Air data for excess parameters</u>					
Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

<u>PLANTATION DURING THE PREVIOUS YEAR</u>	<u>2016 - 2017</u>
	Area in Hect.

<u>TOP SOIL MANAGEMENT</u>
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 correct.

**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.

**PART - IV : PROPOSALS FOR FURTHER ACTION FOR :**

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

None

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

None

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

None

**Date :**

**(SHANTANU DASGUPTA)**

Indian Bureau of Mines