

MCDR INSPECTION REPORT

**General**

<b>S. N.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Mine, Date of Inspection & Inspecting officer with Designation	Bitkuli Limestone Mine,27.11.2017,Shri Rajesh Kumar Das, Senior Assistant Controller of Mines
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.683 ha. non forest Govt.waste land
3	Mine code	38MPR28020
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5657/2011
5	Name of the lessee, Address, phone, email and fax number	Smt Meera Verma,W/O Ripusudan Verma,Village & Post- Suhela,Tahsil-Simga,Distt.-Baloda Bazar,Chhattisgarh-493195
6	Village	Suhela
7	Taluka/Mandal	Simga
8	District	Baloda Bazar
9	Pincode	493195
10	State	Chhattisgarh
11	Post office	Suhela
12	Nearest police station	Suhela
13	Nearest Railway station	Bhatapara
14	Date of Grant of Mining Lease	06.07.1986
15	Date of Execution	06.07.1986
16	Date of opening of Mine	
17	Date of first Renewal, if applicable and its period & expiry	06.07.1991
18	Date of second Renewal, if applicable and its period & expiry	06.07.1996
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA, As per Section 8A(3) Mines & Minerals(Development & Regulation) Amendments Act 2015 lease extend upto 50 years i.e. 05.07.2036
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA

22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No Mines Manager
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No Mining Engineer
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No Geologist
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	The second renewal mining plan approved letter no. RAP/LST/MPLN-131/NGP dated 13.12.2001 for the period 2001-02 to 2005-06
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	RAP/LST/MPLN-131?NGP dated 13.07.2011
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Mecanised”others ,CategoryÄ
30	Captive/Non Captive	Non Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

**Exploration**

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Proposal	Nil	There is no approved document for the period 2016-17
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	The area is almost exposed due to mining.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	No work done	

1e	Balance reserves as on 01.04.2016	309049	382413	Production is less compare to proposal.
1f	General remarks of inspecting officer on geology, exploration etc.	The limestone is stromatolitic grey purple in color, medium hard and thickly bedded. The deposit is almost flat and lease area is almost exposed due to exaction upto 10-12 meter depth.		

### **Development**

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	No proposal	No work done	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No proposal	No work done	
2c	Stripping ratio or ore to OB ratio	No proposal	No work done	
2d	Quantity of topsoil generation in m <sup>3</sup>	No proposal	No work done	
2e	Quantity of overburden generation in m <sup>3</sup>	No proposal	No work done	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mine was non-working in 2016-17 and during mine visit also mining operation stopped due to suspension order issued by IBM.		

### **Exploitation**

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	No proposal	No work done	
3b	Quantity of ROM mineral production proposed	No proposal	No work done	
3c	Recovery of salable/usable mineral from ROM production	No proposal	No work done	
3d	Quantity of mineral reject generation	No proposal	No work done	
3e	Grade of mineral reject generation and threshold value declared	NA		
3f	Quantity of sub-grade mineral generation	No proposal	No work done	
3g	Grade of sub-grade mineral generation	NA		
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	No work done	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	No work done	
3j	Provision of drilling & blasting in mineral benches	No proposal	No work done	
3k	Provision of mining machineries in mineral benches	No proposal	No work done	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	No work done	
3m	Total area covered under excavation/pits	No proposal	No work done	
3n	Ore to OB ratio for the pit/mine during the year	No proposal	No work done	

3o	Total area put in use under different heads at the end of year	No proposal	No work done	
3p	Production of ROM mineral during last five-year period, as applicable	No proposal	No work done	
3q	General remarks of inspecting officer on method of mining etc.	The mine was non-working in 2016-17 and during mine visit also mining operation stopped due to suspension order issued by IBM.		

### **Solid Waste Management-Dumping**

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	No work done	
4b	Location of topsoil, OB & mineral reject dumps	No proposal	No work done	
4c	Number of dumps within lease area and outside lease area	No proposal	No work done	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	No work done	
4e	Number of active & alive dumps	No proposal	No major dump observed	
4f	Number of dead dumps	No proposal	No major dump observed	
4g	Number of dumps stabilised	No proposal	No major dump observed	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	No work done	
4i	Length of Retaining wall or garland drain all along dump	No proposal	No work done	
4j	Number of settling ponds	No proposal		
4k	Specific comments of inspecting officer on waste dump management	As the mine was non working last year therefore no waste generation and dump management.		

### **Solid Waste Management-Backfilling**

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	No work done	
5b	Area under backfilling of mined out area	No proposal	No work done	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	No work done	
5d	Total area fully reclaimed & rehabilitated	No proposal	No work done	
5e	General remarks of inspecting officer on backfilling, reclamation etc	During mine visit it was observed that no backfilling and reclamation work done.		

### **Progressive Mine Closure Plan**

S.N.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and	No proposal	No work done	

	correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.			
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	No proposal	No work done	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L *B * D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	No proposal	i) No work done	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	i) No work done	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal	No work done	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	The mine was non- working in 2016-17		

### **Mineral Conservation**

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	No work done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	No work done	
7c	Different grade of mineral sorted out at mines	No proposal	No work done	
7d	Any beneficiation process at mines	No proposal	No work done	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no production in 2016-17 and also mining operation suspended from 11.09.2017.		

### **Environment**

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No work done	

8b	Concurrent use or storage of topsoil	No proposal	No work done	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	No work done	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	No work done	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	No work done	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal	No work done	
8g	Survival rate	No proposal	No work done	
8h	Water sprinkling on roads to control airborne dust	No proposal	No work done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

**Compliance of Rule 45**

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns			
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information given Mining Engineer & Manager shri chagan lal sahu & Geologist Shri Ashok John		In part B under employment and wages it is mentioned that mining Engineer, Geologist, Diploma mining engineer is Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	0.650 ha. covered under opencast working, 0.5 ha. for waste disposal	During mine visit it was observed that the mine is almost exposed and waterlogged.	
9d	Scrutiny of Annual return on afforestation	150 trees planted within lease	No plantation observed	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Reject Generation Nil		Total working days mentioned for 2016-17 is nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil but cost of production mentioned Rs 204/-		
9i	Scrutiny of Annual return on fixed assets	Nil		
9k	Scrutiny of Annual return on mining machineries	In return it is mentioned 0.00 cum two tipper & 0.00 cum one excavator		

**Details of violations observed during current inspection and compliance position of earlier violation pointed out:-** The mine was inspected for processing of Modified Mining Plan. The Mine was under suspension from 11.09.2017 for working without having approved document.  
During present inspection Rule 45 of MCDR, 2017 for given incorrect information found violated.

**Rajesh Kumar Das, Senior Assistant Controller of Mines**  
**(Name of inspecting officer with designation and date)**