

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-40

Mine code : 38HPR10040

- (i) Name of the Inspecting : **S038**) **SHAILENDRA SAKLANI**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : **KANWAR SINGH, SUPERVISOR**
Official with
Designation
- (iv) Date of Inspection : 07/03/2015
- (v) Prev.inspection date : 25/05/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BHIMGODA**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : BAGADHAR
- Taluka : PAONTA SAHIB
- Post office : SATAUN
- Pin Code :
- FAX No. : N.A
- E-mail : N.A
- Phone : (01704) 262483
- (e) Police Station : PAONTA SAHIB
- (f) First opening date : 14/11/1989
2. Address for : M/S K.N. CEMENTS LTD.
correspondance VPO - SATAUN
TEHSHIL - PAONTA SAHIB, DISTT- SATAUN (HP)
3. (a) Lease Number : HPR0022
- (b) Lease area : 23.57
- (c) Period of lease : 50
- (d) Date of Expiry : 13/03/2027
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : K.N.CEMENTS LTD.
 C/o Sh. NASILA KHAN V.P.O.
 SATAUN TEHSIL PONTA SAHIB
 SIRMUR HIMACHAL PRADESH
 Phone:(01704) 62483
 FAX :

Owner : K.N.CEMENTS LTD.
 VILL. SATAU P.O. SATAU
 DISTT. SIRMUR SIRMUR
 HIMACHAL PRADESH
 Phone: 62483
 FAX :

Agent : NASHEEM KHAN
 KHAN MINING TRG CO. VPO -
 SATAUN TEHSHIL - PAONTA
 SAHIB SIRMUR HIMACHAL
 PRADESH
 Phone:
 FAX :

6. Date of approval of Mining : 21/09/2012
 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

Employment category	No.of employment	Av. yearly working days
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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	
General					
Housing		0.00			
Water supply		0.00			
Sanitation		0.00			
Medical facility		0.00			
Sub total		0.00			
Infrastructure					
Sub total			0.00		
Employment			0.50		
Total			0.50		

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

During the previous inspection violation of rule 13(1) & 45(1)(a) of MCDR 1988 were observed and on dated 04-07-2013 for immediate rectification. For non compliance of rule 13(1) court case has been filed on 25.04.2014 in CJM court Dehradun. During the current inspection violation of rule 24(1) and 45(1)(c) have been observed.

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

Date of Decision : 17/05/2008 Result : Decided Details : In favour of Dept.

Fine imposed/Compounding fees collected: 5000 Rules : Rule 13(1)
Rule 46

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.

It 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 : No proposal of exploration given in approved scheme of mining. and exploration i.e. pitting, drilling
- b.Total area covered : No proposal of exploration given in approved scheme of mining.

Not applicable. Mine is not in operation since 2013 due to want of environment clearance.

Not applicable

B. Working (Rule 13)

- a.Number and size of each pit (LxWxH) : It was proposed to work in western pit by developing thirteen benches of three meters height each.
- b.Bench size(LxWxH) length can be defined as regular/irregular : Mining was proposed by formation of benches with 3m in height in regular form between 2012 to 1976mRL.
- c.Ore to waste ratio pit wise if possible otherwise for mine : The proposed site of excavation is more or less devoid of overburden. However, interburden @ 10 % of ROM is anticipated.
- d.Total area covered under excavation/pits : Approximately two hectares of area is proposed to be brought under excavation

The mining has not been carried out in western pit during the second year (2013-14) as the mining operations are lying closed for want of environment clearance. In the past mining operations were carried out in the western area in two pits having dimension 60mX40mX17m & 70mX50mX18m in an unscientific manner.

In the past mining has been carried out by formation of benches of more than 6m in heights in irregular fashion. At present mine is closed.

In the past only mineral limestone is produced and interburden @ 10 % of rom is generated.

So far two hectares of area has been covered under excavation in the past.

C. Waste disposal (Rule 13)

- a.Location of dumps : Dumping is not proposed. It is stated in the scheme of mining that no waste shall be generated.

Mining operations are lying closed for want of environment clearance.

- e. Yearly generation of waste quantity. : Waste is not anticipated to be generated
Not applicable as the mine is not in operation.
- b. Method of dumping whether advancing/retreat : Dumping is not proposed. It is stated in the scheme of mining that no waste shall be generated.
Not applicable
- c. Total area covered under waste dump. : Dumping is not proposed. It is stated in the scheme of mining that no waste shall be generated.
Not applicable
- d. No. and size of each waste dump with No of steps/lift/bench : Dumping is not proposed. It is stated in the scheme of mining that no waste shall be generated.
Old waste dump having an area of an area 0.1 hec. with a 5m maximum height has been observed.

D. Production

- b. Year wise production of last five year. : During the year 2013-14, a total of 81311 tonnes of limestone was proposed to be extracted.
The proposed production could not be achieved as the mine is lying closed since 2013. During the last five years the actual production obtained is as follows:
Mine is not in operation since 2013 due to want of environment clearance.
- | Year | Actual Production |
|---------|------------------------|
| 2009-10 | 19023 T |
| 2010-11 | 59185 T |
| 2011-12 | 59274 T |
| 2012-13 | 36697 T |
| 2013-14 | 13567 T upto July 2013 |

D. Reserve

- a. Reserve position as per latest MP/MS and at the time of inspection. : As per approved scheme of mining approved on 21.09.2012 a total of 446915 tonnes of limestone have been kept under 111 category.
Mine is closed since 2013 for want of environment clearance. During the year 2012-13, a total of 36697 tonnes and 2013-14, 13567 tonnes of limestone have been extracted. Thus left out balance under 111 category is 394651 tonnes.

6. Conservation of Mineral - both quantitative and qualitative

Beneficiation (Rule 20 and 26)

Efforts for improving low grade and sub grade mineral. : None at present

Efforts for improving percentage of recovery of ore. : None at present

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : In the past about 90% of ROM limestone produced was saleable and marketed. The rest 10% was dolomitic limestone which may be treated as waste.

Number of benches in ore and waste. : Three benches in ore were observed which were worked in the past.

Sub/grade mineral/fines (Rule 16)

Qty of yearly generation and total qty available during inspection with grade : Not applicable as there is no generation of subgrade/mineral reject.

Number and size of each stack : Not applicable as there is no generation of subgrade/mineral reject.

Location of stacking. : Not applicable as there is no generation of subgrade/mineral reject.

Separate stacking from waste : Not applicable as there is no generation of subgrade/mineral reject.

Total area covered for stacking : Not applicable as there is no generation of subgrade/mineral reject.

7. Environment Management - both quantitative and qualitativ

A. Land environment

- a. Landscape. : Lease area is hilly and undulating.
- b. Aesthetic environment : Aesthetic environment is good except degradation of land due to excavation of pits and waste dumps.
- c. Soil and land use pattern : Soil does not exist at the proposed working site.
- d. Agriculture : No agriculture activity is going on within the lease area.
- e. Forest(flora and fauna) : No forestland is involved in the lease area.
- f. Vegetation : Scattered local species are grown in the area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No Public building, places and monuments (protected, historical), places of worship & places of tourist exist within the lease area.

B Water environment.

- a. Surface water : No surface water body present within lease area.
- b. Ground water : Ground water found 150-200m below from surface.
- c. Quality of water : Ground water found 150-200m below from surface.

C. Air environment

- a. Noise : No noise pollution is observed above permissible limit due to mining in the past
- b. Air : No air pollution is observed above permissible limit due to mining.
- c. Climatic condition : It is cold & wet climate due to hilly area.

D. Socio economic environment

- a. Social and demographic profile. : Villagers of the area are farmers & some of them are working in mines as well as outside in private & government services.
- b. Recommending health and safety. : No health and safety hazards were observed.
- c. Human settlement : None within the lease area but small villages exist surrounding the area.
- d. Recreational facility. : No recreation facility is provided in the mines, as it is not required.

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

The annual return for the year 2013-14 could not be scrutinised as the same has not been reived in this office.

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.

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

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

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

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

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

d. Whether the mine owner has carried out exploration and exploitation on the basis on surface mapping, pitting, trenching and core drilling taking in to consideration the mode of occurrences of mineral deposit.

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

e. Whether production from mining area is commensurate with the reserves and the long term progress of utilization of mineral.

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

f. Whether adequate investment has been made by the lessee on the development of mine on mining machinery, operational and administrative building, residential accommodation for the employees.

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

g. Measures taken by the lessee for protection of environment and ecology.

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

h. In case leases where the mineralisation tends to exhaust within the present period, the status of closing operation in phases and the special issues including human issues to be addressed at the time of closing of mine.

The mining lease was going to expire in march 2017. However, in view of MMD&R Act ordinance 2015 the mine is not going to expire within two years.

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 :

(SHAIENDRA SAKLANI)

Indian Bureau of Mines