

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-26

**Mine code :** 38HPR10059

- (i) Name of the Inspecting : **S038** ) **SHAILENDRA SAKLANI**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : A.K.DAS, MINES MANAGER  
Official with  
Designation
- (iv) Date of Inspection : 26/06/2014
- (v) Prev.inspection date : 24/05/2013

**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 : KAMROO
- Taluka : PAONTH SAHIB
- Post office : KAMROO
- Pin Code : 173029
- FAX No. : NA
- E-mail : NA
- Phone : (01704) 222309
- (e) Police Station : PAONTA SAHIB
- (f) First opening date : 26/08/1981
2. Address for : SH.KUSH PARMAR, Ex. MLA,  
correspondance AT & PO-NAHAN  
DISTRICT- SIRMOUR (HP)
3. (a) Lease Number : HPR0032
- (b) Lease area : 3.5
- (c) Period of lease : 50
- (d) Date of Expiry : 16/04/2034
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : KUSH PARMAR  
 PO - Nahan SIRMUR  
 HIMACHAL PRADESH  
 Phone:(01704) 222309  
 FAX :

Owner : KUSH PARMAR  
 KUSH PARMAR, EX. MLA, AT &  
 PO - NAHAN, DISTRICT -  
 SIRMOUR (H P) SIRMUR  
 HIMACHAL PRADESH  
 Phone: (01704) 222309  
 FAX :

6. Date of approval of Mining : 18/01/2014  
 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
<b>DIRECT</b>		
<b>Managerial</b>	1	0
<b>CONTRACT</b>		
<b>Workers</b>	10	
<b>Supervisory</b>	1	

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					
Infrastructure					
Sub total					
Sub total					
Employment			0.30		
Others			0.40		
Total			0.70		

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

Mine was not in operation during the year 2013-14. In earlier inspection carried out on 24.05.2013, violation of rule 24(1) of MCDR 1988 was pointed out to lessee which was rectified by the party. In the past unsystematic and unscientific mining have been carried out. To systematise the mining operation, present mining plan have been submitted and approved by IBM.

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

Date of Decision : 30/03/2001 Result : Compounded Details :  
 Fine imposed/Compounding fees collected: 8000 Rules : Rule 13(1)  
 Rule 29

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. However, effective monitoring is required to ensure that proposals incorporated in the mining plan are implemented.

## 5. Scientific Mining

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

- a.Type of prospecting and exploration i.e. pitting, drilling : In the approved mining plan it is proposed that during the year 2013-14 one exploratory pit will be made in magnesium limestone to explore the quality of the limestone having a dimension of 3\*2\*2M. The proposal could not be implemented as the mine remained closed during the year due to want of renewal of the mining lease. CCOM conveyed the lessee vide their letter dated 22.03.2013 to State government that currently renewal of mining lease may not be considered as the lessee does not have an approved mining plan and unsystematic mining carried out in the past.
- b.Total area covered : It was proposed that during the year 2013-14 one exploratory pit shall be made in magnesium limestone to explore the quality of the limestone having a dimension of 3\*2\*2M. Area could not be covered as the mine remained closed during the year 2013-14. State government accorded permission for development activities only. However, poor development activities were observed.

## B. Working (Rule 13)

- a.Number and size of each pit (LxWxH) : In the approved mining plan it is proposed that during the year 2013-14 the working shall be carried out by developing a single pit having a dimension of 60M\*6\*6M. During the inspection it was observed that mining has not been carried out in the proposed area as the mine remained closed during the year. In the past two large pits were excavated unsystematically having a dimension of 50x30x20M and 40x30x8M approximately.
- b.Bench size(LxWxH)length can be defined as regular/irregular : It is proposed that during the year 2013-14, the working shall be confined at 1972 & 1966mrl by developing two benches having 6 meteres in height and width each. At the time of inspection no mining operations were going on. Past mining were unsystematic with height ranging from 8 to 10 meteres and even more at places in irregular shape. Currently mine is closed as the CCOM has sent a letter to the state govt on dated 22/3/2013 that second renewal may not be considered at present.
- c.Ore to waste ratio pit wise if possible : As per approved mining plan it is Nil. As the mine was closed at the time of Mine development is

otherwise for mine	proposed as 1:0.05.	inspection. Only developmental activities were being carried out and old stock was being lifted.	not commensurate with the proposals given in the mining plan. Self appraisal report has been sought from lessee.
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d.Total area covered under excavation/pits	: Approximately 0.2 hectares of area is proposed under excavation during the year 2013-14.	Approximately 2 hectares of area have been covered so far under excavation.
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#### C. Waste disposal (Rule 13)

a.Location of dumps	: As per proposals dumps have been proposed from 1915mrl to 1900 outside the mining lease on non mineralised ground. Existing dump located within ML shall also be used.	No such dumping has been observed as the mining operations are not being carried out. during the inspection, two old dumps were observed and past dumping carried out haphazardly.
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e.Yearly generation of waste quantity.	: As per proposals approximately 1748 tonnes of waste is likely to be generated during the year 2013-14	Mine was not in operation during the year 2013-14.
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b.Method of dumping whether advancing/retreat	: Advancing method is proposed	Active dumps have not been observed. Past dumping has been carried out haphazardly.
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c.Total area covered under waste dump.	: It is proposed that dumping will be done from east west direction over an area of 3319 Sqm.	No such have been created so far as the mine remained closed during the year 2013-14.
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d.No.and size of each waste dump with No of steps/lift/bench	: It is proposed that dumps having a dimension of 70x50x20m shall be created between 1915 to 1900mrl outside the ML and the existing dump shall also be used for dumping.	No such have been created so far as the mine remained closed during the year 2013-14.
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#### D. Production

b.Year wise production of last five year.	: As per approved mining plan during the year 2013-14,	During the last five years actual production is given below:
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50,000 tonnes of limestone was proposed to be excavated during the year 2013-14.

2009-10- proposed- 43780, Actual- 35980 tonnes (As per approved scheme of mining)  
 2010-11- Proposed- 50,000 tonnes, Actual- 31136 tonnes (As per approved scheme of mining)  
 2011-12- Proposed- 50,000 tonnes, Actual- 3021 tonnes (As per approved scheme of mining)  
 2012-13- Proposed- 50,000 tonnes, Actual- Nil (As per approved scheme of mining)  
 2013-14- Proposed- 34950 tonnes, Actual- Nil (As per approved mining plan)

#### D. Reserve

a. Reserve position as : As per approved per latest MP/MS and mining plan at the time of inspection. approved on 18/01/2014, 710682 tonnes of limestone have been kept under 111 category.

Mining remained closed due to want of renewal during the year 2013-14. However, lifting permission of old stock and mineral generated due to developmental activities was given to lessee.

## 6. Conservation of Mineral - both quantitative and qualitative

### Beneficiation (Rule 20 and 26)

- Efforts for improving low grade and sub grade mineral. : Not applicable as there is no generation of subgrade / mineral reject.
- 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 : Mine was not in operation during the year 2013-14. In the past about 90% of RoM produced is recovered and marketed. The rest 10% is dolomitic limestone which is treated as waste.
- Number of benches in ore and waste. : Mine was not in operation during the year 2013-14. Past mining has been carried out without any systematic and regular benches.

### Sub/grd mineral/fines (Rule16)

- Qty of yearly generation and total qty available during inspection with grade : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.
- Number and size of each stack : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.
- Location of stacking. : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.
- Separate stacking from waste : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.
- Total area covered for stacking : Not applicable as there is no generation of subgrade / mineral reject nor proposals are incorporated for the same.

## 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 in the past.
- c. Soil and land use pattern : Very little quantity of Soil does exist at the proposed working site.
- d. Agriculture : No agriculture activity are 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), place 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. However, seasonal nallas exists which is provided with check dams.
- b. Ground water : Ground water found 150-200m below from surface.
- c. Quality of water : Water is potable and suitable for agriculture.

### C. Air environment

- a. Noise : Noise pollution is observed within permissible limit due to mining in the past.
- b. Air : Air pollution is observed within permissible limit due to mining.
- c. Climatic condition : Cold during winter and pleasant during summer.

### 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. : None

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

Annual return for the year 2013-14 could not be scrutinised as the same was not submitted by the time of inspection. The manager was advised for its timely submission.



**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. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

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

Not applicable. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

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

Not applicable. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

**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.**

Not applicable. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

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

Not applicable. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

**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.**

Not applicable. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

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

Not applicable. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

**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.**

Not applicable. State government renewed the lease w.e.f 27.08.2011 for a period of 20 years vide their letter 28.10.2014.

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

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

Effective monitoring is required to ensure that proposals incorporated in the mining plan are implemented.

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

Lessee may be directed to submit the self appraisal report and to ensure that proposals incorporated in the mining plan are implemented.

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

None at present

**Date :**

(SHAIENDRA SAKLANI)

Indian Bureau of Mines