

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-28

**Mine code :** 38HPR10052

- (i) Name of the Inspecting : **G021** ) **DATA RAM GURJAR**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : **PARVESH CHAUHAN, PARTNER**  
Official with  
Designation
- (iv) Date of Inspection : 10-AUG-13
- (v) Prev.inspection date : 13-SEP-11

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BARWAS (8.91 HA)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : BARWAS
- Taluka : PAONTA SAHIB
- Post office : KAMROO
- Pin Code : 173029
- FAX No. : NONE
- E-mail : NONE
- Phone : (01704) 262635
- (e) Police Station : PAONTA SAHIB
- (f) First opening date : 15-SEP-85
2. Address for : M/S BARWAS MINES  
correspondance VILLAGE & PO - KAMRAO  
DISTRICT - SIRMOUR (H.P)
3. (a) Lease Number : HPR0013
- (b) Lease area : 7.36
- (c) Period of lease : 20
- (d) Date of Expiry : 21-APR-05
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : BARWAS MINES  
 VILL & PO - KAMROO PAONTA  
 SAHIB SIRMOUR SIRMUR  
 HIMACHAL PRADESH  
 Phone:  
 FAX :

Owner : KARAN SINGH  
 VILL - BARBAS, PO-KAMRAO  
 TEHSIL - PAONTA SAHIB  
 SIRMOUR SIRMUR HIMACHAL  
 PRADESH  
 Phone:  
 FAX :

## Mining Engineer

Name : SUNIL KUMAR KESHRI, Full Time  
 Qualification : DIPLOMA IN MINING  
 Appointment/ : 01-MAR-05  
 Termination date

6. Date of approval of Mining : 11-AUG-06  
 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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## 5. Scientific Mining

Items	Proposal	Actual work done	Remarks
<b>A. Exploration (Rule 13)</b>			
a.Type of prospecting and exploration i.e. pitting, drilling	The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items.	No additional exploration has been carried out.	Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.
b.Total area covered	The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items.	No additional area covered under exploration	Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.
<b>B. Working (Rule 13)</b>			
a.Number and size of each pit (LxWxH)	The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items.	One Pit of Size 45X30X20 Metre was observed .	Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.
b.Bench size(LxWxH)length can be defined as regular/irregular	The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items.	Single bench of height up to 15 metre was observed.	Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.
c.Ore to waste ratio pit wise if possible	The five years period of	3.8	Mining operation

otherwise for mine : previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

d.Total area covered under excavation/pits : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. About 2.5 Ha is covered under excavation/pits Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

### C. Waste disposal (Rule 13)

a.Location of dumps : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. Located near to the pits on sloping side Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

e.Yearly generation of waste quantity. : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. No waste was generated as mine is not working for last several years.Currently mining operation are suspended. Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

b.Method of dumping whether advancing/retreat : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not Advancing Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

been submitted hence no proposal exist for the questioned items.

c.Total area covered under waste dump. : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. About 0.2 Ha area is covered under waste dumps Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

d.No.and size of each waste dump with No of steps/lift/bench : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. Single waste dump spread over 0.2 hectares area with 3 m height in sigle lift Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

#### D. Production

b.Year wise production of last five year. : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. Nil Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

#### D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection. : The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. The five years period of previously approved SOM has expired on 01/05/2008 and Scheme of Mining for next five years has not been submitted hence no proposal exist for the questioned items. Mining operation suspended under rule 13(2) of MCDR 1988 on dated 18.01.2012 by this office.

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

### Beneficiation (Rule 20 and 26)

- Efforts for improving low grade and sub grade mineral. : About 90% of ROM limestone produced from mine is saleable in cement & chemical Industries. There is no low grade/ subgrade mineral generation.
- Efforts for improving percentage of recovery of ore. : About 90% of ROM is recovered which is saleable in the market rest is waste.

### Mineral Rule 15

- Percentage of recovery of ore pitwise w.r.t. ROM and total material : About 90% of ROM limestone produced is recovered and marketed. The rest 10 % is dolomitic limestone of very low grade, which may be treated as waste.
- Number of benches in ore and waste. : One single bench in ore is formed.

### 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 required, as there is no generation of subgrade/mineral reject.
- Total area covered for stacking : No area covered for stacking of subgrade mineral required 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, approach roads and waste dump.
- c. Soil and land use pattern : Soil does not exist at the proposed working site The land used for pits as 2.5 hectares, for dumps as .2 hectares and for roads as 0.5 hectares.
- d. Agriculture : No agriculture activity is going on in the lease lease area.
- e. Forest(flora and fauna) : No forest exist within lease 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.
- f. Vegetation : Scattered local species are grown in the area, in addition to it plantation as given in the datbase is also carried out.

### B Water environment.

- b. Ground water : Ground water found 150-200m below from surface.
- a. Surface water : No surface water body present within lease area, however, seasonal nallas exists which is provided with required & adequate numbers of check dams.
- c. Quality of water : water is potable.

## 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 2012-13 has not been submitted and hence same could not be secrutinised during the inspection.



**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 mining lease is not expiring within two years.

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

Not applicable as mining lease is not expiring within two years.

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

Not applicable as mining lease is not expiring 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.**

Not applicable as mining lease is not expiring within two years.

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

Not applicable as mining lease is not expiring 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.**

Not applicable as mining lease is not expiring within two years.

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

Not applicable as mining lease is not expiring 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.**

Not applicable as mining lease is not expiring 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 at Present

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

None at Present

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

None at Present

Date :

(DATA RAM GURJAR)

Indian Bureau of Mines