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

## MCDR INSPECTION REPORT

## Dehradun regional office

**Mine file No :** HP/SRM/LST-36 **Mine code : 38HPR10060**

(i) Name of the Inspecting Officer and ID No. : **G021 ) DATA RAM GURJAR**

(ii) Designation : Assistant Controller Mine

(iii) Accompaning mine Official with Designation : SHRI AJAY PURKAYSTHA,MINE MANAGER

(iv) Date of Inspection : 19-NOV-15

(v) Prev.inspection date : 09-FEB-15

### PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PAMTA**

(b) Category : A Other than Fully Mech.

(c) Type of Working : Opencast

(d) Postal address

State : HIMACHAL PRADESH
District : SIRMUR
Village : PAMTA
Taluka : PONTASAHIB
Post office : SHAWGA
Pin Code : 176617
FAX No. :
E-mail : ajaypurkayastha@yahoo.com
Phone : 01704262458,09418475799

(e) Police Station : PAONTA AHIB

(f) First opening date : 01-MAR-87

2. Address for correspondance : SMT. SAVITA CHAUHAN
1766/ 7, SHAMSHER GANJ
NAHAN (H.P.)

3. (a) Lease Number : HPR0016

(b) Lease area : 2

(c) Period of lease : 20

(d) Date of Expiry : 16-MAY-05

4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SMT.SAVITA CHAUHAN
1766/7 SHAMSHER GANJ NAHAN
SIRMUR HIMACHAL PRADESH
Phone:
FAX :

Owner : SMT. SAVITA CHAUHAN
SMT. SAVITA CHAUHAN 2712
SHAMSHER GANJ NAHAN (H.P.)
SIRMUR HIMACHAL PRADESH
Phone:
FAX :

Mining Engineer
Name : V. K. TEWARI,Full Time
Qualification : B.A., FOREMAN CERTIFICATE
Appointment/ Termination date : 11-DEC-98 01-JAN-11

Manager
Name : Ajay Purkaystha
Qualification : FOREMAN CERTIFICATE HOLDER
Appointment/ Termination date : 15-JAN-15

6. Date of approval of Mining Plan/Scheme of Mining : 27-AUG-99

**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 |
|---|---|---|
| **DIRECT** | | |
| **Managerial** | **1** | |
| **Supervisory** | **3** | |
| **CONTRACT** | | |
| **Workers** | **20** | |

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

| Action during the year | Expenditure in Rs. Lakhs for previous year | | Expenditure in Rs. Lakhs for current year | | Remarks |
|---|---|---|---|---|---|
| | Proposed | Incurred | Proposed | Incurred | |
| **General** | | | | | |
| Sanitation | | 0.00 | | | |
| Housing | | 0.00 | | | |
| Safety | | 0.00 | | | |
| Water supply | | 0.00 | | | |
| **Sub total** | | **0.00** | | | |
| **Infrastructure** | | | | | |
| **Sub total** | | | **0.00** | | |
| **Total** | | | **0.00** | | |

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

During the present inspection, violation of Rules 13(1),& 45(5)(a) of MCDR 1988 were observed and communicated to lessee for rectification.

**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, 19888, if recommended.**

It is not recommended at present

**5. Scientific Mining**

| Items | Proposal | Actual work done | Remarks |
|---|---|---|---|
| **A. Exploration (Rule 13)** | | | |
| a.Type of prospecting and exploration i.e. pitting, drilling : | As per proposal one trial pit was proposed to be dug during 2013-14 and 2014-15 each and two bore holes in each year. | The same could not be carried out as the mine remained closed since last five years as per the recommendations of High Power monitoring Committee constituted by the High Court, Shimla | Mining operation start recently. |
| b.Total area covered : | There is no proposal about area to be covered by exploration. | Nil | |
| **B. Working (Rule 13)** | | | |
| a.Number and size of each pit (LxWxH) : | During the current year 2015-16 mining shall be carried out in a pit from 1211mRL to 1217mRL having face length up to 138m. | One pit having dimension approximately 100mX50mX20m. | Mining operation start recently. |
| b.Bench size(LxWxH)length can be defined as regular/irregular : | During this year mining shall be carried out by formation of benches 6m in hieght in regular shape. | During the course of inspection bench hieght were observed more than 10m in irregular shape.For that violation letter of Rule 13(1) sent to lessee for immediate rectification. | |
| c.Ore to waste ratio pit wise if possible otherwise for mine : | 2100 cubic meter of waste generation was proposed during 2014-15 against the production of 31620 tonnnes | Nil, as mine was not in opearation during the last year. | |
| d.Total area covered under excavation/pits : | As per proposals approximately 1 hectares of area was proposed to be broken during the scheme period. | At present approximately 0.60 Hectare area under excavation of pits. | |
| **C. Waste disposal (Rule 13)** | | | |
| a.Location of dumps : | The dumping is proposed in the sloping portion of the lease area. | The mine was not working for the last few years. The old dump is in existance in the sloping side of the lease area. | |
| e.Yearly generation of waste quantity. : | Last year 2014-15 approximately 2100 cubic meter waste generation was | No waste was generated as mine was not working in the last year. | |

| | | | |
|---|---|---|---|
| | | proposed. | |
| b.Method of dumping whether advancing/retreat | : | Advancing method was proposed | Mine was not in operation in the last year. |
| c.Total area covered under waste dump. | : | No additional area has been proposed for dumping. Existing dump is proposed to be utilised. | Approximately 1425 square meter of the area has been covered under waste dumps. |
| d.No.and size of each waste dump with No of steps/lift/bench | : | One waste dump was proposed. | One waste dump covering an area approximately 1425 square meter. |

**D. Production**

| | | | |
|---|---|---|---|
| b.Year wise production of last five year. | : | During the year 2013-14 a total of 26393 tonnes and during 2014-15 a total of 31620 tonnes of limestone was prposed to be extracted. | The mine was not in operation since last five years. |

**D. Reserve**

| | | | |
|---|---|---|---|
| a.Reserve position as per latest MP/MS and at the time of inspection. | : | The postion of reserve in latest approved SOM(Approved on 24-09-2015)<br>111: 903687 T,<br>122: 28424 T,<br>211+222 : 659539 T | The postion of reserve is same as this is the first year of approved SOM<br>111: 903687 T,<br>122: 28424 T,<br>211+222 : 659539 T |

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

**Beneficiation (Rule 20 and 26)**

| | | |
|---|---|---|
| Efforts for improving low grade and sub grade mineral. | : | None |
| Efforts for improving percentage of recovery of ore. | : | None |

**Minearl Rule 15**

| | | |
|---|---|---|
| Percentage of recovery of ore pitwise w.r.t. ROM and total material | : | Approximately 90%. |
| Number of benches in ore and waste. | : | Two in ore. |

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

| | | |
|---|---|---|
| Qty of yearly generation and total qty available during inspection with grade | : | No subgrade mineral generation,hence not applicable. |
| Number and size of each stack | : | No subgrade mineral generation,hence not applicable. |
| Location of stacking. | : | No subgrade mineral generation,hence not applicable. |
| Separate stacking from waste | : | No subgrade mineral generation,hence not applicable. |
| Total area covered for stacking | : | No subgrade mineral generation,hence not applicable. |

**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 due to hills with lush green except some ugly look due to degradation of land by excavation of pits. |
| c. Soil and land use pattern | : | Very thin layer of soil not exceeding more than1 m exist at the site. |
| d. Agriculture | : | No agriculture activity going within 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 | : | Water is potable and suitable for agriculture. |

**C. Air environment**

| | | |
|---|---|---|
| a. Noise | : | No noise pollution above permissible limit. |
| b. Air | : | Air pollution within permissible limit. |
| 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 within the lease area. |

**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 2014-15 scrutinised found in order with no major deffeciancy.

**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 the lease is not going to expire within two years

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

Not applicable as the lease 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.**

Not applicable as the lease 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.**

Not applicable as the lease 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.**

Not applicable as the lease 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.**

Not applicable as the lease is not going to expire within two years

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

Not applicable as the lease 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.**

Not applicable as the lease 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.)**

Boundary pillars have not been erected properly which is violation of provisions of MCR'60 and breach of terms & condition of lease deed. Necessary action may be taken against the lessee with intimation to this office.

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

None

**Date :**

(**DATA RAM GURJAR**)

Indian Bureau of Mines