

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-41

Mine code : 38HPR10035

- (i) Name of the Inspecting : **G021**) **DATA RAM GURJAR**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri K.S.Negi, Mine Manager
Official with
Designation
- (iv) Date of Inspection : 11-MAR-15
- (v) Prev.inspection date : 16-APR-14

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BANAUR**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : BANOUR
- Taluka : PAONTA SAHIB
- Post office : BANOUR
- Pin Code : 173025
- FAX No. : NA
- E-mail : NA
- Phone : (0135) 2621069
- (e) Police Station :
- (f) First opening date : 01-JAN-92
2. Address for : SHRI S. C. CHAWLA
correspondance 43,GANDHI ROAD, DEHRADUN
DISTRICT - DEHRADUN (UA)
3. (a) Lease Number : HPR0066
- (b) Lease area : 4.75
- (c) Period of lease : 20
- (d) Date of Expiry : 17-AUG-30
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : S. C. CHAWLA
SUBHASH CHAND CHAWLA 43,
GANDHI ROAD DEHRADUN (UA)
DEHRADUN UTTARAKHAND
Phone:(0135) 2655169/2629896
FAX :

Owner : S.C.CHAWLA
43, GANDHI ROAD DEHRADUN
DEHRADUN UTTARAKHAND
Phone: (0135) 2629896
FAX : NA

Agent : S.C. Chawla
43, Gandhi Road Dehradun
DEHRADUN UTTARAKHAND
Phone: 0135-655169(O), 0135-629896(R)
FAX : NA

Mining Engineer
Name : KL KATIYAR, Full Time
Qualification : MINES FOREMAN CERTIFICATE
Appointment/ : 28-JUL-98
Termination date

Manager Name : KL KATIYAR Qualification : MINES FOREMAN CERTIFICATE Appointment/ : 28-JUL-98 Termination date

6. Date of approval of Mining : 22-DEC-11
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
DIRECT		
Managerial	1	175
Supervisory	1	175
CONTRACT		
Workers	12	175

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					
Sanitation		0.00			
Water supply		0.00			
Housing		0.00			
Health		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.

Violation of rule 13(1) & 45(1)(a) issued to the lessee for immediate rectification after the current inspection.

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 : As per mining plan and exploration i.e. pitting, drilling : it is proposed that samples shall be collected from working pits once in a year and analysed to see gade variations. On perusal it has been observed that no samples were collected. It was clarified by the mining engineer that practically no variation in the grade were observed consequent to mining.
- b.Total area covered : As per mining plan it is proposed that samples shall be collected from working pits once in a year and analysed to see gade variations. No area has been involved under exploration.

B. Working (Rule 13)

- a.Number and size of each pit (LxWxH) : As per proposal mining during the third year is proposed in two blocks namely eastern and western blocks by opening one pit in each block by formation of four & two benches respectively. During the inspection it was observed that mining was carried out in both the blocks. In the eastern and western block the orientation and hieght of benches are not maintained as per approved mining plan.
- b.Bench size(LxWxH)length can be defined as regular/irregular : As per the proposals the mining shall be carried out by formation of two benches in western block and four benches in eastern block. The height of the benches is proposed to be kept as six mtrs each. Benches were not maintained in both the blocks hence violation of rule 13(1) of MCDR 1988 pointed out to the lessee.
- c.Ore to waste ratio pit wise if possible otherwise for mine : 1:0.05 1:0.20
- d.Total area covered under excavation/pits : Approximately two hectares of area is proposed to be covered. Approximately two hectares of area has been covered under excavation.

C. Waste disposal (Rule 13)

- a.Location of dumps : Eastern block dump yard located on Dumping has not been done as per proposals

- the southern side of the approach road and site for the western block in northern part of the lease.
- contained in the approved mining plan.
- e. Yearly generation of waste quantity : Approximately 2063 tonnes of waste and 289 tonnes of soil is expected to be generated during the second year. Approximately 5000 tonnes of waste has been generated during the year 2013-14.
- b. Method of dumping whether advancing/retreat : Advancing method has been proposed for dumping. Advancing method adopted for dumping.
- c. Total area covered under waste dump. : As per proposals approximately 0.3 hectares of area has been proposed for dumping. Approximately 0.4 Ha area has been covered under waste dumps for both the blocks.
- d. No. and size of each waste dump with No of steps/lift/bench :

D. Production

- b. Year wise production of last five year. : The proposed production for the five years are as follows:
 2009-10:34223 tonnes, 2010-11: lapsed period, 2011-12:31575 tonnes, 2012-13:40595 tonnes & 2013-14:41265 tonnes
 Actual production for the last year was-
 2009-10:44789 tonnes,
 2010-11:24206 tonnes,
 2011-12:0 tonnes, 2012-13:38443 tonnes & 2013-14:57812 tonnes

D. Reserve

- a. Reserve position as per latest MP/MS and at the time of inspection. : The position of geological reserve as on 01-04-2011 given in approved mining plan (approved on 22-12-2011)
 111:2110000 tonnes,
 121: 905600 tonnes,
 333: 953300 tonnes
 The position of reserve as on 01-04-2014 after depleting the production from 111 category are as follows:
 111: 2013745 tonnes
 121: 905600 tonnes,
 333: 953300 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 : Approximately it is around 85 percent.

Number of benches in ore and waste. : Total 07 benches of ore in both the blocks.

Sub/grade mineral/fines (Rule 16)

Qty of yearly generation and total qty available during inspection with grade : No sub grade material is generated. However, whatever waste is generated is being kept separately.

Number and size of each stack : No sub grade material is generated. However, whatever waste is generated is being kept separately.

Location of stacking. : No sub grade material is generated. However, whatever waste is generated is being kept separately.

Separate stacking from waste : No sub grade material is generated. However, whatever waste is generated is being kept separately.

Total area covered for stacking : No sub grade material is generated. However, whatever waste is generated is being kept separately.

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 some degradation of lan
- c. Soil and land use pattern : Very less quantity of top soil exist at the working site which is being removed separately & utilised for plantation work simultaneously.
- d. Agriculture : No agriculture activity is going on within the lease area.
- e. Forest(flora and fauna) : The lease area does not fall in forest area
- f. Vegetation : Scanty vegetational growth has been observed in the area comprising of local species. However, surrounding villages has got the lush green vegetation, Agricultural fields are located outside the lease.
- 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. however, surface water exist outside the lease.
- b. Ground water : Ground water table has not yet struck.
- c. Quality of water : water is potable

C. Air environment

- a. Noise : No noise pollution is observed above permissible limit due to mining.
- b. Air : Air pollution due to mining is observed within permissible limit.
- 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
- d. Recreational facility. : No recreation facility is provided in the mines. However, lessee is contributing towards community development.

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 has been scrutinised and found in order.

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.)

None

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

None

Date :

(DATA RAM GURJAR)

Indian Bureau of Mines