

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-51

Mine code : 38HPR10078

- (i) Name of the Inspecting : **G021**) **DATA RAM GURJAR**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sh. Som Prakash, Mine Manager
Official with
Designation
- (iv) Date of Inspection : 01/10/2016
- (v) Prev.inspection date : 18/09/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BANAUR**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : HIMACHAL PRADESH
District : SIRMUR
Village : BANAUR
Taluka : PAONTA SAHIB
Post office :
Pin Code :
FAX No. : NA
E-mail : NA
Phone : (01704) 271223, 225330
- (f) Police Station : PAONTA SAHIB
- (g) First opening date : 01/11/2005
- (h) Weekly day of rest : SUN
2. Address for : SHRI BALBIR SINGH SUPA RAM
correspondance VPO - KAMRAO, TEHSHIL - PAONTA SAHIB
DISRICT - SIRMOUR (HP)
3. (a) Lease Number : HPR0057
- (b) Lease area : .8
- (c) Period of lease : 20
- (d) Date of Expiry : 01/09/2022
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : BALBIR SINGH SUPA RAM
VPO-KAMROO TEHSHIL - PAONTA
SAHIB DISTT. SIRMOUR SIRMUR
HIMACHAL PRADESH
Phone:
FAX :

Owner : BALBIR SINGH SUPA RAM
BALBIR SINGH SUPA RAM VPO-
KAMRAO SIRMOUR, HP SIRMUR
HIMACHAL PRADESH
Phone: (01704) 271223,
FAX : NA

Agent : BALBIR SINGH
BALBIR SINGH SUPA RAM VPO-
KAMRAO, TEHSHIL - PAONTA
SAHIB SIRMOUR, HP SIRMUR
HIMACHAL PRADESH
Phone: (01704) 271223
FAX : NA

6. Date of approval of Mining : Fresh under rule 22 MCR1960 20/01/2003
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal of exploration for the previous year only sampling were proposed.	Same has been carried out.	
1b	Exploration over lease area for geological axis 1 or 2	None	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal in this regard.	Not Applicable.	
1e	Balance reserve as on 01/04/20	The position of reserve given in latest approved review & updation of mining plan(approved on 18-06-2016) 111:133047T 122:22662T 211:240777T 222:124839T	The position of reserve given in latest approved review & updation of mining plan(approved on 18-06-2016) 111:133047T 122:22662T 211:240777T 222:124839T	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Southern part of the lease area in hill slope near hill top.	Southern part of the lease area in hill slope near hill top.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	16.68:1 for the last year 2015-16.	Same as proposed.	

2d	Quantity of topsoil generation in m3	435 tonnes of soil generation was proposed during the last year.	Approximately same quantity was generated .Part of this soil is being used for plantation purpose.	
2e	Quantity of overburden generation in m3	During the last year 475 tonnes of waste generation was proposed.	Approximately same quantity was generated during the last year & half of this is being used for construction of retaining walls,check dams & road levelling etc.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Deevelopment was going on same location as per proposals.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit	
3b	Quantity of ROM mineral production proposed	During the last year 2015-16 total 15826 tonnes of limestone production was proposed.	Actual 15286 tonnes production achieved for the last year 2015-16.	
3c	Recovery of sailable/usable mineral from ROM production	90%	Aproximately 90%	
3d	Quantity of mineral reject generation	During the last year 475 tonnes of waste generation was proposed.	Approximately same quantity was generated during the last year & half of this is being used for construction of retaining walls,check dams & road levelling etc.	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Not applicable	
3f	Quantity of sub grade mineral generation.	Nil	Nil	

3g	Grade of sub grade mineral generation	Nil	Not applicable
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Not applicable
3j	Provision of drilling and blasting in mineral benches	Conventional drilling by Jack hammer of 32mm Holes & slurry and ANFO explosive shall be used for blasting.	Same as per proposal.
3k	Provision of mining machineries in mineral benches	Manual loading & transportaion through 10T capacity small dumpers.	Same as per proposal.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6m hieght of benches were proposed	6m benches were formaed.
3m	Total area covered under excavation/pits	At the end of SOM mining period i.e. 2015-16 total 0.6545 hectare area will be covered under mining.	Approximately less than half hecatre area has been covered under mining.
3n	Ore to OB ratio for the pit/mine during the year.	16.68:1 for the last year 2015-16.	Same as proposed.
3o	Total area put in use under different heads at the end of year	At the end of SOM mining period i.e. 2015-16 total 0.6545 hectare area will be covered under mining.	Approximately less than half hecatre area has been covered under mining.

3p	Production of ROM mineral during the last five year period as applicable	Proposed production for the last five years: 2011-12:11609T, 2012-13:15176T, 2013-14:15669T, 2014-15:15318T, 2015-16:15826T	Actual production for the last five years: 2011-12:2528T, 2012-13:11799T, 2013-14:14263T, 2014-15:22802T, 2015-16:15286T
3q	General remarks of inspecting officers on method of mining etc.	Opencast	Opencast

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed	Yes as per proposal.	
4b	Location of topsoil, OB and mineral reject dumps	Dump was proposed outside of the lease area near to working pit & the owner of that land is the lessee.	Same as per proposal.	
4c	Number of dumps within lease area and outside of lease area	One dump, outside of the lease area as lease area is very small (less than one hectare)	Same as per proposal.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dump area is outside of the ultimate pit limit.	Dump area is outside of the ultimate pit limit.	
4e	Number of active and alive dumps.	One	One	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	No proposal	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	Proposal of maintaing of ratining wall along the waste dump was proposed during the last year 2015-16.	As per proposal.
4i	Length of Retaining wall or garland drain all along dumps	Proposal of maintaing of ratining wall along the waste dump was proposed during the last year 2015-16.	As per proposal.
4j	Number of settling ponds	No proposal	Not applicable

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proosal of back filling.	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			During the last SOM period mine working has not been reached up to ultimate pit limit & no proposal of back filling & reclamation.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Submitted	Submitted.	

6b	Area available for rehabilitation (ha) .	No proposal	Not applicable
6d	No. of saplings planted during the year	During the last year 2015-16 total 17 plants/bushes proposed	Same has been planted.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	All ROM mineral dispatched.	All ROM mineral dispatched.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7d	Any beneficiation process at mines .	No proposal	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No specific issues.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes proposed	Yes separate removal of top soil & being used for plantaion purpose.	
8b	Concurrent use or storage of topsoil	For plantaion	For planation.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes proposed	As per proposal	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No adverse thing observed in this regard.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annauil return submitted for the year 2015-16 & Monthly return submitted up to the month of Oct 2016.	Annauil return submitted for the year 2015-16 & Monthly return submitted up to the month of Oct 2016.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Given	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Given	Given	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	Given	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Given	Given	

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 13(1)	18/10/2016	29/11/2016			

Date :

(DATA RAM GURJAR)

Indian Bureau of Mines