

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-16

**Mine code :** 38HPR10011

- (i) Name of the Inspecting : **G021** ) **DATA RAM GURJAR**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : **R.C.MALICK, MINES MANAGER**  
Official with  
Designation
- (iv) Date of Inspection : 25/10/2016
- (v) Prev.inspection date : 17/11/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DHANWASA BANOUR**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address  
State : HIMACHAL PRADESH  
District : SIRMUR  
Village : DHANWASA BONOUR  
Taluka : PAONTA SAHIB  
Post office : BANOUR  
Pin Code : 173025  
FAX No. : N.A  
E-mail : goyalsunil63@gmail.com  
Phone : 0135-272196, 2622159
- (f) Police Station :
- (g) First opening date : 01/10/1983
- (h) Weekly day of rest : SUN
2. Address for : M/s M. C. GOYAL & SONS,  
correspondance 99/3-3, GANGA VIHAR, HARIDWAR ROAD, DEHRADUN  
DISTRICT - DEHRADUN (UTTRAKHAND)
3. (a) Lease Number : HPR0024  
(b) Lease area : 20.23  
(c) Period of lease : 10  
(d) Date of Expiry : 25/05/2002
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : M/s M.C.GOYAL & SONS  
 99/3-3 Ganga Vihar, Hardwar  
 Road Dehradun, UK SIRMUR  
 HIMACHAL PRADESH  
 Phone:  
 FAX :

Owner : M/s M. C. Goyal & Sons  
 99/3-3, GANGA VIHAR, HARIDWAR  
 ROAD, DEHREADUN(UK)  
 DEHRADUN UTTARAKHAND  
 Phone: 01352622159  
 FAX :

## Mining Engineer

Name : R.C.MALLIK, Full Time  
 Qualification : FOREMAN CERTIFICATE FOLDER  
 Appointment/ : 01/04/2009  
 Termination date

## Manager

Name : R.C.MALLIK  
 Qualification : FOREMAN CERTIFICATE FOLDER  
 Appointment/ : 01/04/2009  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	12/01/1998
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	05/05/2003
		Renewal under rule 22 MCR1960	27/11/2008
		FMCP under 23C(1)	30/07/2013
		Mining Scheme rule 12 MCDR1988	07/02/2014

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	Not applicable	
1b	Exploration over lease area for geological axis 1 or 2	Two trial pit proposed in the last year 2015-16	Same has been carried out.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Two trail pit were proposed during the last year & expenditure of Rs. 1800 proposed.	Same has been carried out.	
1e	Balance reserve as on 01/04/20	The position of reserve in apprved modified Scheme of Mining on 01-04-2015 are as follows: 111:2422150T, 122:538125T, 211:6940500T, 222:2068500T	Resreve position as on 01-04-2016 after depleting production from 111 category: 111:2319399T, 122:538125T, 211:6940500T, 222:2068500T	

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In the last year development was proposed in two location of Lease area in the Northern part & Southern part of the lease area.	Same locations as per proposal.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	

2d	Quantity of topsoil generation in m3	No top soil generation proposal for the last year.	Npt applicable	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Development is going as per proposal. However height of benches were not maintained as per proposal given in approved modified scheme of mining; for that violation letter of rule 13(1) to the lessee for immediate rectification.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two	Two	
3b	Quantity of ROM mineral production proposed	In the last year 2015-16 total 135000 tonne ROM of limestone production was proposed.	During the last year total 102751 tonnes ROM limestone production was reported.	
3c	Recovery of sailable/usable mineral from ROM production	All the ROM is sailable in the market.	All the ROM is sailable in the market.	
3d	Quantity of mineral reject generation	No proposal of mineral reject generation for the last year.	Not applicable.	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal of mineral reject generation.	Not applicable	
3f	Quantity of sub grade mineral generation.	No proposal of subgrade mineral generation.	Not applicable.	
3g	Grade of sub grade mineral generation	N/A	N/A	

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 in this regard	Not applicable
3j	Provision of drilling and blasting in mineral benches	Drilling is being carried out by Jackhammer & Blasting is being carried out by suitable slurry explosive.	
3k	Provision of mining machineries in mineral benches	Excavator & dumper of 10T capactiy shall be used.	Same as per proposal.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, Hight of benches were proposed of 6m of each.	Bench hieght were not maintained at per proposal hence violation of rule 13(1) of MCDR 1988 issued to the lessee in this regard.
3m	Total area covered under excavation/pits	At the end of Midified scheme of mining i.e 2017-18 total 2.97 hectare area will be covered under mining.	Approximately 2.35 hectare area has been covered under mining so far.
3n	Ore to OB ratio for the pit/mine during the year.	1:0	1:0

3o	Total area put in use under different heads at the end of year	Totaolarea under different heads at the end of year not proposed, only at the end of Modified scheme of mining period i.e. 2017-18 given.	Approximately 2.35 hectare area has been covered under mining so far.
3p	Production of ROM mineral during the last five year period as applicable	Proposed production for the last five years: 2011-12:78243T, 2012-13:88725T, 2013-14:82830T, 2014-15:119475T, 2015-16:135000T	Actual production for the last five years: 2011-12:76958T, 2012-13:88067T, 2013-14:78966T, 2014-15:814855T, 2015-16:102751T
3q	General remarks of inspecting officers on method of mining etc.	Opencast	Opencast

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal of OB & topsoil generation for the last year 2015-16.	Not applicable	
4b	Location of topsoil, OB and mineral reject dumps	No proposal of waste & top soil generation for the last year.	Not applicable	
4c	Number of dumps within lease area and outside of lease area	One dump within lease area	One dump within lease area.	
4e	Number of active and alive dumps.	One	One	

4f	Number of dead dumps.	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	20m retaining wall was proposed along waste dump	Same has been carried out.
4i	Length of Retaining wall or garland drain all along dumps	20m	20m
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.	Extraction of mineral is going on the working benches.	Extraction of mineral is going on the working benches.	
5b	Area under backfilling of mined out area	No proposal of backfilling of mined out area in the last year 2015-16.	Not applicable.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Area is not matured for back filling.

#### 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 for the last year	N/A	
6c	afforestation done (ha).	0.05 Hectare	Same area	

6d	No. of saplings planted during the year	15	15
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	All ROM mineral salable & dispatched.	All ROM mineral salable & 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 issue related to mineral conservation.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal of top soil generation for the last year.	N/A	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No adverse thing was observed in this regard.



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 Compliance of Rule 45:
 

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Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual return for year 2015-16 & Monthly returns up to Oct 2016 submitted.	Annual return for year 2015-16 & Monthly returns up to Oct 2016 submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Given	
9d	Scrutiny of Annual return on afforestation	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	

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**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)	01/11/2016				

**Date :**

(DATA RAM GURJAR)

Indian Bureau of Mines