

**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 : **S038** ) **SHAILENDRA SAKLANI**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : R.C.MALICK, MINES MANAGER  
Official with  
Designation
- (iv) Date of Inspection : 25/02/2017
- (v) Prev.inspection date : 25/10/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DHANWASA BANOUR**
- (b) **Registration NO.** : **IBM/443/2011**
- (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 pits were proposed during 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 was proposed.	Same has been carried out.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	None at present	None at present	
1e	Balance reserve as on 01/04/20	The position of reserve in apprved Scheme of Mining on 01-04-2015 are as follows: 111:2422150T, 122:538125T, 211:6940500T, 222:2068500T	Reserve position as on 01-04-2016 after depleting production from 111 category: 111:2319399T, 122:538125T, 211:6940500T, 222:2068500T	
1f	General remarks of inspecting officers on geology, exploration etc	Exploration proposals were made	Exploration proposals were carried out.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	during the year 2015-16 development was proposed in two locations of Lease area in the Northern part & Southern part of the lease area.	Development proposals were carried out at earmarked locations.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes.
2c	Stripping ratio or ore to OB ratio	1:0	Almost maintained.
2d	Quantity of topsoil generation in m3	No top soil generation were proposed for the last year.	Not applicable in view of above.
2e	Quantity of overburden generation in m3	Not proposed	Not 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 hieght of benches were not maintained as per proposal given in approved modified scheme of mining; for which violation letter for rule 13(1) has been pointed out to the lessee for immediate rectification.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two	Two	

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3b	Quantity of ROM mineral production proposed	During the year 2015-16 a total of 135000 tonnes of ROM of limestone production was proposed.	During the last year a total of 102751 tonnes of ROM of limestone production have been reported. No excess production is observed.
3c	Recovery of saleable/usable mineral from ROM production	Entire RoM is saleable in the market.	Entire RoM is saleable in the market.
3d	Quantity of mineral reject generation	No proposal for generation of mineral rejects are incorporated for the last year.	Not applicable
3e	Grade of mineral rejects generation and threshold value declared.	No proposal for generation of mineral rejects are incorporated for the last year.	Not applicable
3f	Quantity of sub grade mineral generation.	No proposal for subgrade mineral generation are incorporated.	No proposal for subgrade mineral generation are incorporated.
3g	Grade of sub grade mineral generation	NA	NA
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method is proposed	manual method is proposed
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Not required at present.
3j	Provision of drilling and blasting in mineral benches	Drilling is proposed to be carried out by Jackhammer & Blasting with suitable slurry explosive.	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 capacity shall be used.	Same as per proposals.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of benches were proposed to 6m of each benches.	Bench height 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 Modified scheme of mining i.e 2017-18 total area of 2.97 hectares will be covered under mining.	Approximately 2.4 hectares of 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	break up of area under different heads at the end of year is not proposed, only at the end of Modified scheme of mining period i.e. 2017-18 is given.	Approximately 2.4 hectares 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 method with deployment of JCB is proposed	Proposed methods are adopted.

## 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 for OB & topsoil generation for the last year 2015-16 are incorporated.	Not applicable	
4b	Location of topsoil, OB and mineral reject dumps	No proposal for OB & topsoil generation for the last year 2015-16 are incorporated.	Not applicable	
4c	Number of dumps within lease area and outside of lease area	One dump within the mining lease.	One dump within the mining lease is observed.	
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 long retaining wall was proposed along the active 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 proposals are incorporated.	Not applicable	
4k	Specific comments of inspecting officer on waste dump management			Insignificant quantity of waste is being generated.

## 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 in the working benches.	Extraction of mineral is going on in the working benches.	

5b	Area under backfilling of mined out area	No proposal of backfilling of mined out area during the year 2015-16 is incorporated.	Not applicable.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Insignificant quantity of top soil is generated	Insignificant quantity of top soil is generated	
5d	Total area fully reclaimed and rehabilitated	Area yet not matured for reclamation and rehabilitation	Area yet not matured for reclamation and rehabilitation	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Area yet not matured for reclamation and rehabilitation

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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) .	Proposals are not incorporated for the year 201-16.	Not applicable	
6c	afforestation done (ha).	Approximately 0.05 Hectares of area is proposed to be covered under plantation	Almost the proposed area has been covered under plantation.	
6d	No. of saplings planted during the year	15	15	
6e	Cumulative no .of plants		Approximately 250 saplings have been planted so far.	
6f	Any other method of rehabilitation	None	None	



6g	Cost incurred on watch and care during the year	Not proposed	figures not available.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Proposals incorporated in the PMCP are being implemented.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire material mined out from the mine is saleable.	Entire material mined out from the mine is saleable.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual method is adopted for sorting and sizing.	Manual method is adopted for sorting and sizing.	
7d	Any beneficiation process at mines .	None at present	None at present	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No specific issue is 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 are incorporated for top soil generation for the last year.	Not applicoable	
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	

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8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		Whatever quantity of overburden is generated is being used for construction of check dams retaining walls and parapet walls.	
8h	Water sprinkling on roads to control airborne dust		It is being done.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No adverse impact on aesthetic beauty has been observed.

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Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual return for year 2015-16 has been submitted. Monthly returns are also being submitted regularly.		
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)	Not applicable		

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9f	Scrutiny of Annual return on ROM stock and/or graded ore	Indicated in the return	Indicated in the return
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Indicated in the return	Indicated in the return

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

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 13(1)	02/03/2017	20/03/2017			

**Date :**

**(SHAILENDRA SAKLANI)**

Indian Bureau of Mines