

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

Mine file No : HP/SRM/LST-18

Mine code : 38HPR10011

- (i) Name of the Inspecting : 002 ) DAMODAR PRASAD SHARMA  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Mr. Sunil Goyal Owner and Mr.R.C Malik Mine Manager  
Official with  
Designation
- (iv) Date of Inspection : 13-OCT-22
- (v) Prev.inspection date : 23-DEC-21

**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-OCT-83
- (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-MAY-02
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 HOLDER  
Appointment/ : 01-APR-09  
Termination date

Manager

Name : R.C.MALLIK  
Qualification : FOREMAN CERTIFICATE HOLDER  
Appointment/ : 01-APR-09  
Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	12-JAN-98
	:	Mining Scheme rule 12 MCDR1988	05-MAY-03
	:	Renewal under rule 22 MCR1960	27-NOV-08
	:	FMCP under 23C(1)	30-JUL-13
	:	Mining Scheme rule 12 MCDR1988	07-FEB-14

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	During year 2019-20 07 boreholes was carried out by the lessee .	
1b	Exploration over lease area for geological axis 1 or 2	As per approved review and updation of mining plan 4.188 hectares of area has been covered under G-1 exploration and 0.9046 area cover under G-3 exploration.	Total potential area covered under G-1 axis.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Applicable	No exploration was carried out during year 2021-22	
1d	Balance area to be explored to bring Geological axis in 1 or 2	All potentially area explored under G-1 axis. .	All potentially area explored under G-1 axis.	
1e	Balance reserve as on 01/04/20	Balance reserve as on 01.04.2022 under 111 0.905777 Million Tonnes and 122 0.8581070 Millions Tonnes	Balance reserve as on 01.04.2022 under 111 0.905777 Million Tonnes and 122 0.8581070 Millions Tonnes	

1f	General remarks of inspecting officers on geology, exploration etc	No exploration was proposed during year 2021-22.	No exploration was carried out during year 2021-22.
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## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	development was proposed in northern and southern part of the lease area.	development has been carried out at earmarked place.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals incorporated	No proposals incorporated	
2c	Stripping ratio or ore to OB ratio	1:00.00	1:00.00	
2d	Quantity of topsoil generation in m3	Small Quantity of top soil generated , which used for planation purpose.	Small Quantity of top soil generated , which used for planation purpose.	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development of Pit at earmarked place but height of the benches observed more than proposed height. Violation to be point out lessee as per Rule 11(1) of MCDR-2017.	Development of Pit at earmarked place but height of the benches observed more than proposed height. Violation to be point out lessee as per Rule 11(1) of MCDR-2017.	

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	135000 Tonnes	51602 Tonnes	
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable	
3f	Quantity of sub grade mineral generation.	Not Applicable	Not Applicable	
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	Not Applicable	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals incorporated	Not Applicable	

3j	Provision of drilling and blasting in mineral benches	Yes, Drilling operation carried out with used of Jack hammer machine hole dia 32mm depth 1.5 mtr. Blasting operation carried out by the used of safety fuse and ordinary detonator.	Yes, Drilling operation carried out with used of Jack hammer machine hole dia 32mm depth 1.5 mtr. Blasting operation carried out by the used of safety fuse and ordinary detonator.
3k	Provision of mining machineries in mineral benches	Hydraulic excavators L&T PC-200 with bucket capacity 0.9 cum using for limestone loading operation and Tata hyva 10 tonnes tippers used for transportation of limestone form mine to stock yard .	Hydraulic excavators L&T PC-200 with bucket capacity 0.9 cum using for limestone loading operation and Tata hyva 10 tonnes tippers used for transportation of limestone form mine to stock yard .
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Mining operation carried out as per proposed area but development of benches and heights of benches observed more than proposals, Violation point out to lessee as rule 11(1) of MCDR-2017.
3m	Total area covered under excavation/pits	2.79 ha	2.75 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:00.00	1:00.00

3p	Production of ROM mineral during the last five year period as applicable	2017-18 135000 Tonnes 2018-19 70313 Tonnes 2019-20 135000 Tonnes 2020-21 135000 Tonnes 2021-22 135000 Tonnes	2017-18 2018-19 Tonnes 2019-20 2020-21 Tonnes 2021-22 Tonnes	79833 0 99284 98072 51602	Tonnes Tonnes Tonnes Tonnes	No excess production observed.
3q	General remarks of inspecting officers on method of mining etc.	Mining operation carried out as per proposed area but development of benches and heights of benches observed more than proposals, Violation point out to lessee as rule 11(1) of MCDR-2017.	Mining operation carried out as per proposed area but development of benches and heights of benches observed more than proposals, Violation point out to lessee as rule 11(1) of MCDR-2017.			

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed incorporated	Proposed incorporated	
4b	Location of topsoil, OB and mineral reject dumps	Towards western flank of lease area over non mineliased ground.	Dumping was not carried out as per proposal , violation point out lessee.	
4c	Number of dumps within lease area and outside of lease area	1	1	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Towards western flank of lease area over non minerliased ground.	Towards western flank of lease area over non minerliased ground.
4e	Number of active and alive dumps.	1	1
4f	Number of dead dumps.	1	1
4g	Number of dumps established.	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	Proposals incorporated	Retaining walls not erecting along dump, violation point out to lessee.
4i	Length of Retaining wall or garland drain all along dumps	160 mtr	40 mtr
4j	Number of settling ponds	No proposals incorporated	None
4k	Specific comments of inspecting officer on waste dump management	Dumping was not carried out as per proposal , violation point out lessee.	Dumping was not carried out as per proposal , violation point out lessee.

#### 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 proposals incorporated	Not Applicable	
5b	Area under backfilling of mined out area	Proposals not incorporated.	Not Applicable	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals incorporated	No proposals incorporated
5d	Total area fully reclaimed and rehabilitated	No proposals, except plantation proposals is within the lease area.	No proposals, except plantation proposals is within the lease area.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Area yet not matured for back filling. No back filling was carried out during year 2021-22.	Area yet not matured for back filling. No back filling was carried out during year 2021-22.

#### 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) .	Not Applicable	Not Applicable	
6c	afforestation done (ha).	0.11	0.11	
6d	No. of saplings planted during the year	50	50	
6e	Cumulative no .of plants	380	380	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	

6g	Cost incurred on watch and care during the year	10000 Rs	7000 Rs
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	Not Applicable	Not Applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Applicable	Not Applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	Not Applicable	Not Applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable	Not Applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not Applicable	Not Applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Applicable	Not Applicable

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Applicable	Not Applicable
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Applicable	Not Applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitored	Monitored
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP proposal regarding construction of retaining walls was not carried out in mine, violation point out lessee.	PMCP proposal regarding construction of retaining walls was not carried out in mine, violation point out lessee.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting not proposed in mine	Grade-wise sorting not proposed in mine	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Grade-wise sorting not proposed in mine	Grade-wise sorting not proposed in mine	
7c	Different grade of mineral sorted out at mines.	Not Applicable	Not Applicable	

7d	Any beneficiation process at mines	No proposals incorporated	No proposals incorporated
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No adverse issue observed regarding minerals conservation in this mine.	No adverse issue observed regarding minerals conservation in this mine.

#### Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	small quantity of top soil generated which used for planation purpose.	small quantity of top soil generated which used for planation purpose.	
8b	Concurrent use or storage of topsoil	topsoil used for planation purpose	topsoil used for planation purpose	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposals incorporated	Proposals incorporated	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals incorporated	No proposals incorporated	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals incorporated	No proposals incorporated	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Information given	Information given
8g	Survival rate	65 to 70%	65 to 70%
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul road for dust surpression	water sprikling on haul road for dust surpression
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty around the mines is good, except some land degradation.	Aesthetic beauty around the mines is good, except some land degradation.

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Geologist appointed.	Mining Engineer and Geologist appointed.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information given	Information given	
9d	Scrutiny of Annual return on afforestation	Information given	Information given	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No minerals reject reported in Annual Returns of year 2021-22.	No minerals reject reported in Annual Returns of year 2021-22.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Information given	Information given
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Return scrutinized for Ex. Mine price and cost of production.	Reported cost of production and ex mine price found high. .
9h	Scrutiny of Annual return on fixed assets	Information given	Information given
9k	Scrutiny of Annual return on mining machineries	Information given	Information given

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

Date :

*Damodar*  
*24.01.2023*  
(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines