

**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 : 001) K.K.TARDIA
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : shri sunil goyal, partner
Official with
Designation
- (iv) Date of Inspection : 08/02/2018
- (v) Prev.inspection date : 25/02/2017

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 correspondance** : M/s M. C. GOYAL & SONS,
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	Not proposed	NA	
1b	Exploration over lease area for geological axis 1 or 2	Two trial pit were proposed	same has been carried out.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Sahaj Sahyog consultant (P) ltd. Haridwar	same has been carried out.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	none	na	
1e	Balance reserve as on 01/04/20	2256247 tonne	2163547 Tonne	
1f	General remarks of inspecting officers on geology, exploration etc	Exploration proposed.	as per proposal.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Nothern and southern part of the area.	As per proposal	As per proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	yes proposed	As per proposal	
2c	Stripping ratio or ore to OB ratio	1:0.1 1:0.1	almost maintained	
2d	Quantity of topsoil generation in m3	Not proposed	Not proposed	
2e	Quantity of overburden generation in m3	nil	na	

2f General remarks of inspecting officers on development of pit w.r.t. type of deposit etc Almost as per proposal.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two pit	Two pit	
3b	Quantity of ROM mineral production proposed	135000T	107252T	
3c	Recovery of sailable/usable mineral from ROM production	Entire ROM is sailable	Entire ROM is sailable	
3d	Quantity of mineral reject generation	nil	NA	
3e	Grade of mineral rejects generation and threshold value declared.	nil	NA	
3f	Quantity of sub grade mineral generation.	Nil	NA	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	mannual	mannual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	not proposed	not required in present	
3j	Provision of drilling and blasting in mineral benches	DRILL WITH JACK HAMMERWIT AIR COMPRESSOR	As per proposal	

3k	Provision of mining machineries in mineral benches	Jcb and dumper	Jcb and dumper	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6m	6m	
3m	Total area covered under excavation/pits	2.97hect	2.4Hect	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.1	1:0.1	
3o	Total area put in use under different heads at the end of year	Pit-3.714 Waste/reject 1.192	Pit-3.714 Waste/reject 1.192	
3p	Production of ROM mineral during the last five year period as applicable	Yr-2012-13=13825 Yr-2013-14=205217 Yr-2014-15=235610 Yr-2012-13=87250 Yr-2013-14=25700 Yr-2014-15=119475 Yr-2015-16=135000 Yr-2016-17=135000	87067 nil 81485 102751 107252	
3q	General remarks of inspecting officers on method of mining etc.		Method of mining is suitable as per deposit.	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	not proposed	na
4b	Location of topsoil, OB and mineral reject dumps	not proposed	na
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	The area selected the out side the UPL.	As per proposal
4e	Number of active and alive dumps.	1	1
4f	Number of dead dumps.	nil	na
4g	Number of dumps established.	nil	na
4h	Whether Retaining wall or garland drain all along dumps are there.	20m long retaining wall was proposed.	same has been formed.
4i	Length of Retaining wall or garland drain all along dumps	20m	30m*2m*3m
4j	Number of settling ponds	NIL	na
4k	Specific comments of inspecting officer on waste dump management		Almost as per proposal

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.	Backfilling is NIL not proposed during the period of mine plan		
5b	Area under backfilling of mined out area	NIL	na	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	na
5d	Total area fully reclaimed and rehabilitated	NIL	na

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).	Not submitted	Violation pointed out.	
6d	No. of saplings planted during the year	50	50	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP compliance report not submitted , violation pointed out.	

Mineral Conservation:

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

7d	Any beneficiation process at mines	None at present	na
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Method of grade-wise mineral sorting is manually.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	not proposed	na	
8b	Concurrent use or storage of topsoil	Not proposed	na	
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	Future plantation shall be carried out over dumps.	Some of the waste is being utilised for construction of check dams and retaining walls	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	not proposed	nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	yes	yes	
8g	Survival rate	50%	30% to 40%	

8h	Water sprinkling on roads to control airborne dust	YES BY WATER TANKER	YES BY WATER TANKER
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around mines are good.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto-Monthly return up to Dec.2017 A.R. submitted up to 2016-17	M.R. Submitted upto-Monthly return up to Dec.2017 A.R. submitted up to 2016-17	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	GIVEN in A.R	GIVEN in A.R	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	GIVEN in A.R	GIVEN in A.R	
9d	Scrutiny of Annual return on afforestation	GIVEN in A.R	GIVEN in A.R	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	not applicable	na	
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 cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(K.K.TARDIA)

Indian Bureau of Mines