

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-41

**Mine code :** 38HPR10035

- (i) Name of the Inspecting : 001 ) K.K.TARDIA  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri Deepak Chawala, Lessee  
Official with  
Designation
- (iv) Date of Inspection : 08/02/2018
- (v) Prev.inspection date : 12/02/2017

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : BANAUR
- (b) **Registration NO.** : IBM/4992/2011
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : HIMACHAL PRADESH
- District : SIRMUR
- Village : BANOUR
- Taluka : PAONTA SAHIB
- Post office : BANOUR
- Pin Code : 173025
- FAX No. : -
- E-mail : chawla\_sidh@rediffmail.com
- Phone : 01352621069,9897521582
- (f) **Police Station** :
- (g) **First opening date** : 01/01/1992
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : SHRI DEEPAK CHAWLA  
43,GANDHI ROAD, DEHRADUN  
DISTRICT - DEHRADUN (UA)
3. (a) **Lease Number** : HPR0066
- (b) **Lease area** : 4.75
- (c) **Period of lease** : 50
- (d) **Date of Expiry** : 17/08/2040
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : SHRI DEEPAK CHAWLA  
 43-GANDHI ROAD, DEHRADUN  
 UTTARAKHAND DEHRADUN  
 UTTARAKHAND  
 Phone: 01352621069  
 FAX :

Owner : DEEPAK CHAWLA  
 43-Gandi Road, Dehardun  
 Uttarakhand SIRMUR  
 HIMACHAL PRADESH  
 Phone: 01352621069, 989  
 FAX :

## Mining Engineer

Name : KL KATIYAR, Full Time  
 Qualification : MINES FOREMAN CERTIFICATE  
 Appointment/ : 28/07/1998  
 Termination date

## Manager

Name : Kundan Singh Negi  
 Qualification : Mine Forman Certificate Holder  
 Appointment/ : 02/10/2014  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	09/10/1990
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	26/07/1999
		Mining Scheme rule 12 MCDR1988	17/06/2005
		FMCP under 23C(1)	10/08/2011
		Modif.of approved Mining Plan	22/12/2011

## 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	Not proposed	na	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	na	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	na	
1e	Balance reserve as on 01/04/20	7.74 lakh tonne	6.95 lakh tonne	
1f	General remarks of inspecting officers on geology, exploration etc		Exploration not proposed.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Eastern and western block of the area.	As per proposal	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed	As per proposal	
2c	Stripping ratio or ore to OB ratio	1:0.3.	1:0.3.	
2d	Quantity of topsoil generation in m3	Not proposed	NA	
2e	Quantity of overburden generation in m3	1040tonne	1000tonne	

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

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Eastern and western block of the area.	As per proposal	
3b	Quantity of ROM mineral production proposed	93625 tonne	92007.3tonne	
3c	Recovery of sailable/usable mineral from ROM production	95%	95%	
3d	Quantity of mineral reject generation	900 t	1000 t	
3e	Grade of mineral rejects generation and threshold value declared.	High grade and mediam grade	High grade and mediam grade	
3f	Quantity of sub grade mineral generation.	No subgrade	na	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	na	
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	LOADERS	LOADERS
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 m	6 m
3m	Total area covered under excavation/pits	1.35 hect	1.35 hect
3n	Ore to OB ratio for the pit/mine during the year.	1:0.3	1:0.3
3o	Total area put in use under different heads at the end of year	Pit-0.5 Waste/reject0.5 Others-0.5	Pit-0.5 Waste/reject0.5 Others-0.5
3p	Production of ROM mineral during the last five year period as applicable	Yr-2012-13=40595 Yr-2013-14=61265 Yr-2014-15=61190  Yr-2015-16=92553 Yr-2016-17=95565	38443.300 57183.000 56700.000 78991.700 92007.300
3q	General remarks of inspecting officers on method of mining etc.		Method of mining is suitable as per deposit.

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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)	Proposed	As per proposal	

4b	Location of topsoil, OB and mineral reject dumps	N 1-EE 1335 -- N 290-E1150 TO N 165E E1437 - N 305 E1195	As per proposal
4c	Number of dumps within lease area and outside of lease area	Two dumps within lease area.	As per proposal
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	2	2
4e	Number of active and alive dumps.	2	2
4f	Number of dead dumps.	nil	na
4g	Number of dumps established.	na	na
4h	Whether Retaining wall or garland drain all along dumps are there.	E/B/125 M W/B 110 M	92 mtr 100 mtr
4i	Length of Retaining wall or garland drain all along dumps	Same as above	Same as above
4j	Number of settling ponds	na	na
4k	Specific comments of inspecting officer on waste dump management	Almost as per proposal	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 not proposed during the period of mine plan	Excavation is continued	
5b	Area under backfilling of mined out area	Not proposed	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	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Area yet not mature	

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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).	not submitted	violation pointed out	

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Insignificant QUANTITY of soil is generated.	AS PER proposal.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed.	NA	
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)	Insignificant QUANTITY of soil is generated.	AS PER proposal.	
8b	Concurrent use or storage of topsoil	Not proposed.	na	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NOT IN PROPOSAL	NA	
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	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not proposed	na	
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	
9d	Scrutiny of Annual return on afforestation	Yes,given .	Yes,given .	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes,given .	Yes,given .	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes,given .	Yes,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

**Date :**

**(K.K.TARDIA)**

Indian Bureau of Mines