

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 Officer and ID No. : 002) DAMODAR PRASAD SHARMA
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine Official with Designation : DEEPAK CHAWLA, OWNER
- (iv) Date of Inspection : 24/02/2020
- (v) Prev.inspection date : 02/12/2018

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
Plan/Scheme of Mining

:	Fresh under rule 22 MCR1960	09/10/1990
	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	No exploraton was proposed during year 2017-18.	No exploraton was carried out during year 2017-18.	
1b	Exploration over lease area for geological axis 1 or 2	G1- 4.59 ha, G2- Nil , G3- 0.16 ha	G1- 4.59 ha, G2- Nil , G3- 0.16 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	No exploration was carried out during year 2018-19.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals incorporated.	No proposals incorporated.	
1e	Balance reserve as on 01/04/20	Proved reserve under 111 0.5287 Million Tonnes	Proved reserve under 111 0.5287 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	The Modified Mining Plan was approved on dated 10.08.2015. As per approved plan Two bore hole of 10 meter depth has been proposed during plan period.	No exploration was carried out during year due to mining operation discontinue from 05.02.2018 statutory order from MOEFCC.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It is proposed that during year 2018-19 , mining shall be carried out in two blocks namely Eastern and Western Block.	Mining operation temporary discontinue from 05.02.2018 due to statutory order from MOEFCC so proposed development was not carried out as per proposal.	Mining operation temporary discontinue from 05.02.2018 due to statutory order from MOEFCC so proposed development was not carried out as per proposal.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Applicable	Not Applicable	
2c	Stripping ratio or ore to OB ratio	01:00.0	01:00.0	
2e	Quantity of overburden generation in m3	1000	Nil	Mining operation temporary discontinue from 05.02.2018 due to statutory order from MOEFCC so proposed development was not carried out as per proposal.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	It is proposed Mining operation that during temporarily discontinue year 2018-19 , from 05.02.2018 due to mining shall statutory order from be carried out MOEFCC so proposed in two blocks development was not namely Eastern carried out as per and Western proposal. Block.		Mining operation temporarily discontinue from 05.02.2018 due to statutory order from MOEFCC so proposed development was not carried out as per proposal.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	73765 Tonnes During year 2018-19.	0	Mining operation temporarily discontinue in mine from 05.02.2018 due to statutory order from MOEFCC.
3c	Recovery of sailable/usable mineral from ROM production	95 % recovery from ROM	5% interbured waste interbeded shale and dolomatic limestone generated.	5% interbured waste interbeded shale and dolomatic limestone generated.
3d	Quantity of mineral reject generation	Not Applicable	Not Applicable	

- 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. Not Applicable 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
 JCB excavators 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 .
 JCB excavators 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	Average Height of benches proposed are 6 m . yes	Height of the benches observed more than proposed height. Violation point out as per Rule 11(1) of MCDR-2017.	Height of the benches observed more than proposed height. Violation point out as per Rule 11(1) of MCDR-2017.
3m	Total area covered under excavation/pits	3.24 ha during the plan period.	2.5 ha	
3n	Ore to OB ratio for the pit/mine during the year.	01:00.0	01:00.0	
3o	Total area put in use under different heads at the end of year	4.23 ha	4.23 ha	
3p	Production of ROM mineral during the last five year period as applicable	2015-16 92553 Tonnes 2016-17 92625 Tonnes 2017-18 92050 Tonnes 2018-19 73765 Tonnes	2015-16 78891 Tonnes 2016-17 92007 Tonnes 2017-18 75164 Tonnes 2018-19 0 Tonnes	No excess production observed.
3q	General remarks of inspecting officers on method of mining etc.	As per proposal mining is proposed in Two pit during year 2018-19. In Eastern block from 1426 mRl to 1403 mRl formation of four benches with six meter height. In western block from 1204 mRl to 1198 mRl formation of one benche with six meter height.	Excavation was not carried as per proposal during year 2018-19. Mining operation temporarily discontinue in mine from 05.02.2018 due to statutory order from MOEFCC.	Excavation was not carried as per proposal during year 2018-19. Mining operation temporarily discontinue in mine from 05.02.2018 due to statutory order from MOEFCC.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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- 4a Separate dumping proposals are No waste generated No waste generated
of topsoil, OB incorporated during year 2018-19 due during year 2018-
and mineral for separate to Mining Operation 19 due to Mining
rejects (Rule dumping of temporarily discontinue. Operation
32,33) Waste and Soil. temporarily
discontinue.
- 4b Location of As per No waste generated
topsoil, OB and proposals during year 2018-19 due
mineral reject separate sites to Mining Operation
dumps have been temporarily
selected for discontiniune. Dumping is
each of two carried out at earmarked
block. Westren places more or less.
block dump
yard is
located
between local
coordinates
N443 to E160
to N430 to
E195. Simirliy
for eastern
block site is
selected
towards
northern part
of the lease.
- 4c Number of dumps 2 dump 2 dump observed within
within lease observed laese and 1 dump present
area and outside within laese at outside lease.
of lease area and 1 dump
present at
outside lease.
- 4d Location of As per As per proposals
dumps w.r.t. proposals separate sites have been
ultimate pit separate sites selected for each of two
limit (Rule 16) have been selected for
selected for each of two
block. Westren block dump
yard is located between
located local coordinates N443
between local to E160 to N430 to
coordinates E195. Simirliy
N443 to E160 for eastern
to N430 to block site is
E195. Simirliy selected towards
for eastern northern part of the
block site is lease.
selected
towards
northern part
of the lease.

4e	Number of active and alive dumps.	2	2	
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.	yes	yes	
4i	Length of Retaining wall or garland drain all along dumps	Length is not specified.	Approximately 30 mtr long.	
4j	Number of settling ponds	None	None	
4k	Specific comments of inspecting officer on waste dump management	As per proposals separate sites have been selected for each of two block. Westren block dump yard is located between local coordinates N443 to E160 to N430 to E195. Simirliy for eastern block site is selected towards northern part of the lease.	No waste generated during year 2018-19 due to Mining Operation temporarily discontiune. Dumping is carried out at earmarked places more or less.	No waste generated during year 2018-19 due to Mining Operation temporarily discontiune. Dumping is carried out at earmarked places more or less.

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.	Proposals not incorporated.	Area yet to matured for reclamation.	Area yet to matured for reclamation.
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)	As per proposals whatever quantity of soil shall be generated will be used for plantation purposes.	no quantity of soil has been generated during year.	no quantity of soil has been generated during year.
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.	Area yet 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).	Not Submitted	PMCP report under 26(2) of MCDR-2017 has not been submitted and Violation point out to lessee as per rule.	PMCP report under 26(2) of MCDR-2017 has not been submitted and Violation point out to lessee as per rule.
6b	Area available for rehabilitation (ha) .	No proposals incorporated	Nil	
6c	afforestation done (ha).	0.43 ha	0.43 ha	
6d	No. of saplings planted during the year	50	50	
6e	Cumulative no .of plants	200	200	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch and care during the year	50000	50000	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx 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 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
6p	Compliance of environmental monitoring (core zone and buffer zone)	Compiled	Compiled

6q General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. PMCP report under 26(2) of MCDR-2017 has not been submitted and Violation point out to lessee as per rule. PMCP report under 26(2) of MCDR-2017 has not been submitted and Violation point out to lessee as per rule.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposals for sorting and sizing is incorporated.	grade-wise sorting applicable	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Not Applicable	Grade-wise sorting carried out at stock yard carried out.	
7d	Any beneficiation process at mines	Not Applicable	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There is no problem of mineral conservation at this Mine.	There is no problem of mineral conservation at this Mine.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposals incorportaed	Small Quantity of Top Soil shall be generated which stock separately	
8b	Concurrent use or storage of topsoil	Plantation Purpose	Plantation Purpose	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposals incorporated.	Proposal for separate dumping is incorporated.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable
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)	Baseline study done	Baseline study done
8g	Survival rate	60 %	60%
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul road for dust suppression	water sprinkling on haul road for dust suppression
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty is maintained except degradation of land.	Aesthetic beauty is maintained except degradation of land.

Compliance of Rule 45:


Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	All Monthly and Annual Return Submitted.	All Monthly and Annual Return Submitted.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Mine Manger Appointed and Geologist appointed.	Mining Engineer and Mine Manger Appointed 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)	Not Applicable	No mineral reject present in this mine.
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.	Return scrutinized for Ex. Mine price and cost of production.
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
MCDR17	Rule 11(1)	08/04/2020	03/06/2020		
MCDR17	Rule 26(2)	08/04/2020	03/06/2020		
MCDR17	Rule 33	08/04/2020	03/06/2020		

Date : 20-08-2020



20-08-2020

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines