

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-49

Mine code : 38HPR10076

- (i) Name of the Inspecting Officer and ID No. : 002) DAMODAR PRASAD SHARMA
(ii) Designation : Assistant Controller Mine
(iii) Accompanying mine Official with Designation : Shri K.N Pant, Mine Manager
(iv) Date of Inspection : 23-FEB-20
(v) Prev.inspection date : 08-MAR-19

PART-I : GENERAL INFORMATION

1. (a) Mine Name : BANAU (BOHAR--KHATWAR)
(b) Registration NO. : IBM/494/2011
(c) Category : B Manual
(d) Type of Working : Opencast
(e) Postal address :
State : HIMACHAL PRADESH
District : SIRMUR
Village : BANAU
Taluka : PAONTA SAHIB
Post office : BANAU
Pin Code :
FAX No. :
E-mail :
Phone : (0135) 2673715
(f) Police Station : RAJBAN
(g) First opening date : 28-MAY-01
(h) Weekly day of rest : SUN
2. Address for correspondence : RAKESH CHOUDHARY
VILLAGE - JOGIWALA, PO - NEHRU GRAM
DEHRADUN (UA)
3. (a) Lease Number : HPR0052
(b) Lease area : 4.75
(c) Period of lease : 50
(d) Date of Expiry : 19-MAR-51
4. Mineral worked : LIMESTONE Main

5. Name and Address of the Lessee

: RAKESH CHOUDHARY
S/O SH. MAHENDRA SINGH,
VILLAGE-JOGIWALA, POST-
NEHRU GRAM, DEHRADUN
UTTARAKHAND
Phone: (0135) 673715
FAX :

Owner

: RAKESH CHAUDHARY
RAKESH CHAUDHARY VILLAGE-
JOGIWALA, PO- NEHRU GRAM
DEHRADUN (UA) DEHRADUN
UTTARAKHAND
Phone: (0135) 673715
FAX :

Mining Engineer

Name : V. K. TEWARI, Full Time
Qualification : B.A., FOREMAN CERTIFICATE
Appointment/ : 25-JAN-09
Termination date

6. Date of approval of Mining Plan/Scheme of Mining

: Fresh under rule 22 MCR1960	09-MAY-01
Mining Scheme rule 12 MCDR1988	27-JUL-06
FMCP under 23B(2) for MS	27-JUL-06
Modif. of approved Mining Plan	04-JAN-12
FMCP under 23C(1)	15-MAY-13
Modif. of approved Mining Plan	19-JUL-13
FMCP under 23C(1)	18-JAN-14
MF modif under MCR 1960	21-FEB-14

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration was proposed in year 2017-18.	Not Applicable	
1b	Exploration over lease area for geological axis 1 or 2	No proposals incorporated	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Review of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Review of Mining Plan.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not applicable	Not applicable	
1e	Balance reserve as on 01/04/20	The Modified Mining Plan for this mine was approved on 07.03.2016. As per approved plan 1040940 Tonnes under 111 and under 211 4294065 Tonnes.	The Modified Mining Plan for this mine was approved on 07.03.2016. As per approved plan 1040940 Tonnes under 111 and under 211 4294065 Tonnes.	

1f	General remarks of inspecting officers on geology, exploration etc	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Not Applicable	Mining Plan alreday expired on 31.03.2018.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Applicable	Mining Plan alreday expired on 31.03.2018.	
2c	Stripping ratio or ore to OB ratio	Not Applicable	Mining Plan alreday expired on 31.03.2018.	
2d	Quantity of topsoil generation in m3	Not applicable	Not applicable	
2e	Quantity of overburden generation in m3	Not applicable	Not applicable	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Mining Plan was expired on 31.03.2018 and is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Not Applicable	2 pit exist in the mine.	
3b	Quantity of ROM mineral production proposed	No proposal	No Applicable	Mining Plan alreday expired on 31.03.2018.
3c	Recovery of sailable/usable mineral from ROM production	No proposals incorporated	No proposals incorporated	Mining Plan alreday expired on 31.03.2018.
3d	Quantity of mineral reject generation	No proposals incorporated	Mining Plan alreday expired on 31.03.2018.	Mining Plan alreday expired on 31.03.2018.
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	No proposals incorporated	No proposals incorporated
3k	Provision of mining machineries in mineral benches	Mining Plan already expired on 31.03.2018.	Mining Plan already expired on 31.03.2018.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposals incorporated	No proposals incorporated
3m	Total area covered under excavation/pits	2 ha	1.53 ha
3n	Ore to OB ratio for the pit/mine during the year.	No proposals incorporated	No proposals incorporated
3o	Total area put in use under different heads at the end of year	2.805 ha proposed during plan period.	2.805 ha proposed during plan period.

Mining Plan
already expired on
31.03.2018.

3p	Production of ROM mineral during the last five year period as applicable	2015-16 75150 Tonnes 2016-17 90030 Tonnes 2017-18 105067 Tonnes	2015-16 59998 Tonnes 2016-17 53666 Tonnes 2017-18 0 Tonnes	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.
3q	General remarks of inspecting officers on method of mining etc.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule: 32,33)	Not Applicable	Not Applicable	
4b	Location of topsoil, OB and mineral reject dumps	As pervious plan in near block A on mineralised ground.	Mine is temporarily discontinues for more than 2 year.	Mine is temporarily discontinues for more than 2 year.

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)	Near Block A on non mineralised ground.	Near Block A on non mineralised ground.	
4e	Number of active and alive dumps.	None	None	
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.	No proposals incorporated	No proposals incorporated	
4i	Length of Retaining wall or garland drain all along dumps	No proposals incorporated	No proposals incorporated	
4j	Number of settling ponds	None	None	
4k	Specific comments of inspecting officer on waste dump management	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposals incorporated	No proposals incorporated	
5b	Area under backfilling of mined out area	Not applicable	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not applicable	Not applicable	
5d	Total area fully reclaimed and rehabilitated	Not applicable	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No proposals incorporated	Mining Plan already expired on 31.03.2018.	Mining Plan already expired on 31.03.2018.
6b	Area available for rehabilitation (ha) .	No proposals incorporated	Mining Plan already expired on 31.03.2018.	
6c	afforestation done (ha).	Not applicable	Not applicable	
6d	No. of saplings planted during the year	Not applicable	Not applicable	
6e	Cumulative no .of plants	200 Nos.	200 Nos	
6g	Cost incurred on watch and care during the year	Not applicable	Not applicable	
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
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)	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present

6g	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.	Mining Plan was expired on 31.03.2018 and Mine is temporarily discontinued for more than 2 year as per direction of MOEF & CC due to Environmental clearance issue. Mine was inspected for disposal Reveiw of Mining Plan.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal incorporated.	Mining Plan alreday expired on 31.03.2018 and Mine is not in operation at present.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals incorporated	Mining Plan alreday expired on 31.03.2018 and Mine is not in operation at present.	Mining Plan alreday expired on 31.03.2018 and Mine is not in operation at present.
7c	Different grade of mineral sorted out at mines.	No proposals incorporated	Mining Plan alreday expired on 31.03.2018 and Mine is not in operation at present.	
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 adverse issue observed in this mine regarding Mineral conservation . Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.	There is no adverse issue observed in this mine regarding Mineral conservation . Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.	There is no adverse issue observed in this mine regarding Mineral conservation . Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.
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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals incorporated	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.	
8b	Concurrent use or storage of topsoil	No proposals incorporated	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	

8a	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals incorporated	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Base line study done	Base line study done
8g	Survival rate	No proposals	approximately 50%
8h	Water sprinkling on roads to control airborne dust	No proposal incorporated	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty maintained except land degradation.	Aesthetic beauty maintained except land degradation. Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	All monthly return and annual return submitted.	All monthly return and annual return submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Mine Manager appointed	Mining Engineer and Mine Manager appointed	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return scrutinized	Annual return scrutinized
9d	Scrutiny of Annual return on afforestation	Annual return scrutinized	Annual return scrutinized
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not applicable	Not applicable
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not applicable	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost.	Not applicable	Mining Plan already expired on 31.03.2018 and Mine is not in operation at present.
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 33	08-APR-20	23-DEC-20	MCDR17	Rule 33	08-APR-20	

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines