

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

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : HP/SRM/LST-49

Mine code : 38HPR10076

- (i) Name of the Inspecting : 004) Mukesh Kumar Sharma
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 03-FEB-23
- (v) Prev.inspection date : 30-DEC-21

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : BANAUR (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 : BANAUR
- Taluka : PAONTA SAHIB
- Post office : BANAUR
- 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 correspondance** : 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	:	Fresh under rule 22 MCR1960	09-MAY-01
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	27-JUL-06
	:	PMCP 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
	:	MP 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	Nil	Lessee has submitted Form J (test report of 5 Bore holes) during the year 2021-22	
1b	Exploration over lease area for geological axis 1 or 2	Udaipur Mine Tech Pvt Ltd, 200000/-	-	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Area Under G1- 2.3220 hectare Area under G2 - 2.4280 hectare	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area Under G1- 2.3220 hectare Area under G2 - 2.4280 hectare	-	
1e	Balance reserve as on 01/04/20	As on 31.03.2020 Reserves- 1.523102 million tonnes Resources- 1.281775 million tonnes Total- 2.804877 million tonnes	Actual Reserves after Production. Reserves-1.509699 million tonnes Resources-1.281775 million tonnes Total- 2.791474 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	-	-	Exploration was carried out as per proposal during year 2021-22.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Development was proposed towards North to East side of lease area from 1417 mRL to 1339 mRL with height of benches 6 meters	Mine was temporally discontinued due to Local Problem	Mine was temporally discontinued due to Local Problem
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposal incorporated.	Mine was not working during 2021-22	
2c	Stripping ratio or ore to OB ratio	1:005	1:00	
2d	Quantity of topsoil generation in m3	No proposals are incorporated	2021-22- Nil	
2e	Quantity of overburden generation in m3	No such proposals is incorporated	2021-22- Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	No. development work / mining operation were carried out during 2021-22. Mining operation temporally discontinued till date.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	As per proposal, 2 pits were proposed for production	Observed as per proposal	
3b	Quantity of ROM mineral production proposed	ROM proposed during 2021-22 is 63160 tonne	Total production during 2021-22 is 0 Tonne	Mine was not working during 2021-22
3c	Recovery of sailable/usable mineral from ROM production	95% recovery from ROM	Entire ROM is useable.	
3d	Quantity of mineral reject generation	No proposals is incorporated	Mine was not working during 2021-22	

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	No segregating was carried out in the mine
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	Drilling operation proposed with used of jack hammer machine hole dia 32mm depth 1.5 mtr. Blasting operation Carried out by the used of safety fuse.	Mine was not in operation in year 2021-22.
3k	Provision of mining machineries in mineral benches	Proposals given	Mine was not in operation
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed in mineral bench Average Height of benches proposed is 6m.	Mine was not in operation
3m	Total area covered under excavation/pits	2.3697	Broadly as per the proposals
3n	Ore to OB ratio for the pit/mine during the year.	1:05	More or less it is 1:00

3o	Total area put in use under different heads at the end of year	3.1043	Within the limit, As incorporated in the mining plan.	
3p	Production of ROM mineral during the last five year period as applicable	2017-18-105067 Tonnes 2018-19-0 Tonnes 2019-20-0 Tonnes 2020-21-63160 Tonnes 2021-22-63160 Tonnes	2017-18- 2018-19- 2019-20- 2020-21- 2021-22-	0 Tonnes 0Tonnes 0 Tonnes 0 Tonnes 0 Tonne
3q	General remarks of inspecting officers on method of mining etc.	Mining plan was approved on 26-03-2021. Mine was temporally discontinued due to Local problem.		

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposals are incorporated for separate dumping of overburden in approved mining plan.	No Proposals are incorporated for separate dumping of overburden in approved mining plan.	
4b	Location of topsoil, OB and mineral reject dumps	Minerals reject stacking proposed near boundary pillar 3 and 4	No mineral reject during year 2021-22	
4c	Number of dumps within lease area and outside of lease area	1 old observed in the mine.	1 old observed in the mine.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Near boundary pillar 3 and 4	Near boundary pillar 3 and 4	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	1 deed dump observed	1 deed dump observed	
4g	Number of dumps established.	None	None	

4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal incorporated	Not erected	
4i	Length of Retaining wall or garland drain all along dumps	Not quantified	Not quantified	
4j	Number of settling ponds	Not Applicable	Not Applicable	
4k	Specific comments of inspecting officer on waste dump management	-	-	No proposal incorporated for separate dumping. Some area found collapsed in mine near boundary pillars 11 and 12

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 for backfilling in year 2021-22	Area has yet not been matured for back filing.	
5b	Area under backfilling of mined out area	No proposals are incorporated	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals are incorporated	No proposals are incorporated	
5d	Total area fully reclaimed and rehabilitated	No proposals are incorporated	No proposals are incorporated	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	Area yet not matured for back filling

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).	Proposals are incorporated	PMCP not submitted (2021-22)
6b	Area available for rehabilitation (ha) .	Not Proposal	PMCP is not submitted
6c	afforestation done (ha).	0.1	PMCP is not submitted
6d	No. of saplings planted during the year	100	PMCP is not submitted
6e	Cumulative no .of plants	300	PMCP is not submitted
6f	Any other method of rehabilitation	Not applicable	Not applicable
6g	Cost incurred on watch and care during the year	Not Proposal	PMCP is not submitted
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Proposal	Not applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposal	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not Proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposal	Not applicable

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Proposal	Not applicable	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Not Proposal	Not applicable	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Proposal	Not applicable	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Proposal	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitoring proposed	Monitoring is done	
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. Violation pointed out as per Rule 26 of MCDR 2017

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals incorporated, 95% ROM saleable in the marked	Entire Mineral is being used.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	Not Applicable	
7c	Different grade of mineral sorted out at mines.	Grade wise sorting is not proposed.	Not Applicable at present	

7d	Any beneficiation process at mines	Not Applicable	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine was temporarily discontinued due to Local problem.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil present in this mine	Nil	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal incorporated	Nil	
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. proposal incorporated	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline study done	Baseline study done	
8g	Survival rate	60 to 70%	70%	

8h	Water sprinkling on roads to control airborne dust	Water Sprinkling on haul road for dust suppression in mine	Water Sprinkling on haul road for dust suppression is done occasionally.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	Aesthetic beauty is maintained more or less except degradation of land due to mining. More focus is to be given to maintain the aesthetic beauty by planting suitable saplings having good survival rate and suits the climatic condition in and around mine site.

Compliance of Rule 45:

Sl.No.	Item	Propasals	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 Geologist is appointed	Mining Engineer and Geologist is appointed	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area utilisation under current working-0, Used for waste disposal -0 and Check dams/retaining Walls-0	Mine was temporally discontinued due to Local problem.	
9d	Scrutiny of Annual return on afforestation	1)Within lease area-100 plants 2)Outside lease area-0	Broadly as per submission	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Information given	No generation in the last year
9f	Scrutiny of Annual return on ROM stock and/or graded ore	0 tonne is given	As per submission
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. Mine price is 0 per tonne and Cost of production is 0 per tonnes	Mine was not in operation during 2021-22
9h	Scrutiny of Annual return on fixed assets	Information is given	-
9k	Scrutiny of Annual return on mining machineries	JCB and Hydraulic Excavator	-

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 26(2)	21-MAR-23			
MCDR17	Rule 33	21-MAR-23			
MCDR17	Rule 34(1)	21-MAR-23			

Date :

(Mukesh Kumar Sharma)

Indian Bureau of Mines