

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION  
MCDR REPORT  
Dehradun regional office

Mine code: 38HPR10029

(i)	Name of the Inspecting Officer	Nitin
(ii)	Designation	Junior Mining Geologist
(iii)	Accompanying mine official with designation	Shri Narender Thakur (mine owner)
(iv)	Date of Inspection	02.01.2025
(v)	Prev. Inspection date	07.03.2024

**PART-I: GENERAL INFORMATION**

1	Mine Name	Bhimgoda Limestone Mine
2	Registration No.	IBM/7858/2011
3	Category	A-Category
4	Type of Working	Opencast
5	Postal Address	-
6	State	Himachal Pradesh
7	District	Sirmour
8	Village	Bangandhar
9	Taluka/Tehsil	Paonta Sahib
10	Post Office	Bangandhar
11	Pin Code	173029
12	FAX No.	-
13	E-mail	narendermadwal09@gmail.com
14	Phone	9418154540
15	Police Station	Paonta Sahib
16	Nearest railway Station	Dehradun
17	Date of grant of mining lease	18.04.1984
18	Date of execution	22.06.1984
19	Date of Opening of mine	01.01.1985
20	Date of first Renewal, if applicable and its period & expiry	16.10.2006 18.04.2004 to 17.04.2024 for 20 year
21	Date of second Renewal, if applicable and its period & expiry	08.10.2015 18.04.2024 to 17.04.2034 for 10 years
22	Date of 3rd Renewal, if applicable and its period & expiry	NA
23	Name of the Nominated Owner With address, phone, Email, Fax number, date of	M/S SOHAN SINGH MEET SINGH VPO - KAMRAU

	appointment	DISTRICT - SIRMOUR (H.P.) E-mail: narendermadwal09@gmail.com
24	Name of the mine agent with address, phone, email, fax number, date of appointment	
25	Name of the mine manager with address, phone, email, fax number, date of appointment	Mr. Dharmendra bhati VPO - KAMRAU DISTRICT - SIRMOUR (H.P.) E-mail: narendermadwal09@gmail.com
26	Name of the mining engineer, qualification, experience with address, phone, email, fax number, date of appointment	Mr. Dharmendra bhati VPO - KAMRAU DISTRICT - SIRMOUR (H.P.) E-mail: narendermadwal09@gmail.com
27	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55	Mr Arun Dhiman (PART TIME)
28	Date of approval of Mining Plan/Modified Mining Plan with five year period and specific condition in approval letter, if any.	Review & Updation of Mining Plan was Approved on 16.08.2023. MCDR-MPC0LST/2/2023-DDN-IBM_RO_DDN From FY 2023-24 to 2027-28
29	Date of approval of Mining scheme with five year period and specific condition in approval letter, if any	
30	Mineral(s) granted in lease and proved for mining	Limestone
31	Method of Mining (Opencast, Underground)	Opencast
32	Category (Fully Mechanized, Others or Manual)	Mechanized
33	Captive/Non Captive	Non Captive

**PART-II: OBSERVATION / COMMENT OF INSPECTING OFFICER**

**1. Exploration:**

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	09 Borehole with total 540 meter was proposed during the year 2023-24	60 m borehole has been drilled.	SCN will be issued
1b	Exploration over lease area for Geological axis 1 or 2.	G1=2.15 Ha G2=0 H G3=1.17 Ha	G1=2.15 Ha G2=0 H G3=1.17 Ha	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	-	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G3=1.17 Ha	G3=1.17 Ha	
1e	Balance reserves as on 01.04.2024	As on 01.04.2023- Reserves=1,137,468.25 T	Balance reserves as on 31.03.2024=1,042,932.35 T	94,535.90 T has been extracted during the year
1f	General remarks of Inspecting officer on geology, exploration etc.			

**2. Development:**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Development work was proposed towards NE-NW direction from 2049 mRL to 2014 mRL.	Mining operations were carried out at proposed place but height of the benches observed more than proposal.	Rule 11 (1) has been pointed out.
2b	Separate benches in topsoil overburden and mineral	Benches of 6 meter was proposed to be Prepared and maintained in the mineral.	Mining operations were carried out at proposed place but height of the benches observed more than proposal.	The working benches are in limestone

2c	Stripping ratio or ore to OB ratio	1:0.02	1:0.02	
2d	Quantity of topsoil generation in m <sup>3</sup>	Nil	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	proposed	Generated during the Year =821 T	As per annual return
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.			

### 3. Exploitation:

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	99604 T	94,535.90 T	
3c	Recovery of Salable/usable mineral from ROM production	90%	Entire ROM is salable	
3d	Quantity of mineral reject generation	No proposals is incorporated	No mineral reject is generated.	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Not applicable	
3f	Quantity of sub-grade mineral generation	Not Proposed	Not applicable	
3g	Grade of sub-grade mineral generation	Not applicable	Not applicable	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized method	Mechanical method adopted for working	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	Jack hammer drilling with 34mm dia	As per proposal	
3k	Provision of mining machineries in mineral benches	Yes, Drilling operation carried out with used of Jack hammer machine hole dia 32mm depth 1.5mtr.	Deployed as per proposal	

		Blasting operation carried out by the used of safety fuse and ordinary detonator.		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Using Open cast method of mining & Bench height proposed 5 m in the Mines.	Not as per proposal	Height of the benches observed more than proposal.
3m	Total area covered under excavation /pits	As on 01.04.2023 area of 2.79 ha for mining was proposed	As on 31.03.2024 Area 2.7 ha As per annual return	
3n	Ore to OB ratio for the pit/mine during the year	Not applicable	Not applicable	
3o	Total area put in use under different heads at the end of year	3.12 ha	3.14 ha as on 01.04.2024 As per annual return	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20=105212 T 2020-21=105212 T 2021-22=105212 T 2022-23=105212 T 2023-24=99604 T	2019-20=34485 T 2020-21=71505.6 T 2021-22=75348.5 T 2022-23=93384 T 2023-24=94536 T	
3q	General remarks of inspecting officer on method of mining etc.	Development works has been carried out at the proposed places. However, heights of the benches were not maintained as per proposal for which violation of deviation has been pointed out to the lessee.		

#### 4. Solid Waste Management-Dumping:

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	proposed	One Waste dump exists in mine.	
4b	Location of topsoil, OB & mineral reject dumps	Waste dump proposed towards Eastern part of the Mining Lease.	As per proposal	
4c	Number of Dumps within lease area and outside lease area	1	1	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Within lease area	Dump found within Ultimate Pit limit.	

4e	Number of Active & Alive dumps	1	1	
4f	Number of dead dumps	None	None	
4g	Number of dumps established	None	None	
4h	Whether Retaining wall or garland drain all along dumps are there	proposed	Retaining wall was not constructed as per proposal	Rule 11 (1) has been pointed out
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Retaining wall was not constructed as per proposal	
4j	Number of settling ponds	Not proposed	Not applicable	
4k	Specific comments of inspecting officer on waste dump management			

#### 5. Solid Waste Management-Backfilling:

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Backfilling proposed	No area backfilled during the year 2023-24.	
5b	Area under backfilling of mined out area	0.27 ha proposed during the plan period.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Not applicable	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Due to mineral continuity in the ML area backfilling was not proposed.		

#### 6. Progressive Mine Closer Plan:

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26(2). Details should be given in the format as given in Annexure-20	Proposed	Submitted	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation	Not Proposed	Not applicable	

	(Ha)			
	ii) Afforestation done (ha)	Not Proposed	Not applicable	
	iii) No. of saplings planted during the year	Not Proposed	Not applicable	
	iv) Cumulative no. of plants	Not Proposed	Not applicable	
	v) Any other specific method of rehabilitation	Not Proposed	Not applicable	
	vi) Cost incurred on watch & care during the year	Not Proposed	Not applicable	
6c	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L*B*D)	0.27 Ha	No backfilling was carried due to non availability of waste material.	
	ii) Void filled by waste/tailings	Not Proposed	Not applicable	
	iii) Afforestation on the backfilling	Not Proposed	Not applicable	
	iv) Rehabilitation by making water reservoir	Not Proposed	Not applicable	
	v) Any other specific means	Not Proposed	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease			
	i) Afforestation	100 plants have been Proposed.	plantation as per proposal	Plantation has been done in safety zone.
	ii) Area rehabilitation	0.05 H	as per proposals	
	iii) Method of rehabilitation	Not Proposed	Not applicable	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Environment Monitoring proposed	Environment Monitoring done	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Retaining wall, and fencing, was not found in the ML area. Rule 11(1) has been pointed out		

#### 7. Mineral Conservation:

S.N.	Item	Proposals	Actual Work	Remarks
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7a	ROM mineral dispatch or grade wise sorting within lease area	Not proposed	Not applicable	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Not applicable	
7c	Different grade of mineral sort out at mine	Not proposed	Not applicable	
7d	Any beneficiation process at mines	Not Proposed	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Rom is sold to local buyers.		

### 8. Environment:

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	Not applicable	
8b	Concurrent use or storage of topsoil	Not Proposed	Not applicable	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed	as per proposal	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	100 plants have been proposed	as per proposal	100 saplings have been proposed for the current year within the mining lease area.
8g	Survival rate	100%	70%	
8h	Water sprinkling on roads to control airborne dust	Proposed	By using water tanker and sprinklers	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine 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.		

9. Compliance of Rule 45:

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	AR and MR submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished	Mining engineer= Dharmendra Bhati Geologist=Arun Dhiman Manager= Dharmendra Bhati
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	1) Covered under current (O-C) Workings=2.6 Ha 2) Used for waste disposal=0.02 Ha 3) Occupied by plant, buildings, residential, welfare buildings and roads=0.3 Ha 4) Used for any other purpose (specify) Vergin land=0.2 Ha 5) PMCP work=0.02 Ha
9d	Scrutiny of Annual return on afforestation	Furnished	100 saplings have been proposed for the current year within the mining lease area.
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Furnished	zero
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Furnished	1) Production of ROM ore at Mine-head= 94535.90 T 2) Opening Stocks of ROM ore at Mine-head= 32575.5 T (cement grade)
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Furnished	For cement grade= 300 ₹ (Ex. Mine price) production costs=283.58 ₹
9i	Scrutiny of Annual return on Fixed assets	Furnished	₹ 436500
9k	Scrutiny of Annual return on mining Machineries	Furnished	Type of Machinery: Air compressor, Back hoe, Dumper

**10- MCDR COMPLINCE PAST AND PRESENT**

S.N	Previous date of inspection	07.03.2024	
9b	Violations pointed out in previous inspection	11(1), 55(1)	
9c	Check Compliance status of complied violations	All rule complied	
9d	Pending violations	No violation pending	
9e	Violation Detected And Pointed Out During This Inspection	11(1), 45(7)	

Yours faithfully,

नितिन /Nitin  
कनिष्ठ खनन भू-विज्ञानी/Junior Mining Geologist  
भारतीय खान ब्यूरो/Indian Bureau of Mines