

**MCDR INSPECTION REPORT**  
**REGIONAL OFFICE**  
**DEHRADUN**

**1.0 GENERAL**

<b>SN</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Mine	Bhimgoda Limestone Mine (KUSH PARMAR)
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total area: 3.25 Hect.(105.18 Bigha Forest area: Nil Non-Forest- 3.25 Hectare
2a	Date of Inspection	29.11.2024
3	Mine code	38HPR10059
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/12420/2012
5	Name of the lessee, Address, phone, email and fax number	Sh. Kush Parmar, S/o Shri Yashwant Singh Parmar Flat No.201 Deep Apartments District-Nahan-173001 Himachal Pradesh, Phone: 9418487800 Email: renukaact.01@gmail.com
6	Village	Kamroo
7	Taluka/Mandal	Paonta Sahib
8	District	Sirmour
9	Pin code	173025
10	State	Himachal Pradesh
11	Post office	-
12	Nearest police station	Paonta Sahib
13	Nearest Railway station	Dehradun
14	Date of Grant of Mining Lease	11.08.1981
15	Date of Execution	27.08.1981
16	Date of opening of Mine	
17	Date of first Renewal, if applicable and its period & expiry	12-04-2001 Period: 20 yrs.(Year w.e.f 27.08.1991) Valid: 26-08-2011 Validity extended upto 26-08-2031 as per MMDR(A) Ordinance, 2015 vide State Govt. letter dated 05-06-2015
18	Date of second Renewal, if applicable and its period & expiry	27.08.2011 Period: 20 yrs. Valid: 26-08-2031
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA

20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sh. Kush Parmar, S/o Shri Yashwant Singh Parmar Flat No.201 Deep Apartments District-Nahan-173001 Himachal Pradesh, Phone: 9418487800 Email: renukaact.01@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Ramesh Chauhan
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri K.Misra Village & Post-Sataun, Tehsil- Paonta Sahib District – Sirmour (H.P)-173029 Phone: 9816351878
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri K.Misra Village & Post-Sataun, Tehsil- Paonta Sahib District – Sirmour (H.P)-173029 Phone: 9816351878
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approved on 13-07-2021.Letter No.614(2)/MS-B-15/1996-DDN From FY 2021-22 to FY 2025-26Modified Mining Plan was Approved on 11-10-2017. Vide letter No.614(2)/MP-B-210/05-DDN From FY 2017-18 to FY 2020-21
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	-
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	A Open Cast
30	Captive/Non Captive	Non-Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

## Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	Nil	NA	
1b	Exploration over lease area for Geological axis 1 or 2.	not proposed	NA	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area Under G1- 2.73 hectare Area under G2 – Nil		
1e	Balance reserves as on 31.07.2021.	As on 31.03.2024 Reserves- 725,699 T	As on 31.03.2024 Reserves- 685,785.40 T	Depletion of reserves during the year=39913.6 T
1f	General remarks of inspecting officer on geology, exploration etc.			

## 2.0 Development

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	It was proposed to work in single pit. Working has been proposed in 2 benches from 1915mRL to 1909mRL.	Development work / mining operation were carried out at proposed place but height of the benches observed more than proposal.	Violation pointed out to lessee as per rule 11(1) of MCDR 2017
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Development proposed in mineralised area only.	Benches are in mineral only.	
2c	Stripping ratio or ore to OB ratio	1:0	Mining operations are in mineralised land at present.	
2d	Quantity of topsoil generation in m3	No proposals	2023-24- Nil	
2e	Quantity of overburden generation in m3	No such proposals	2023-24- Nil	

2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	
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### **3.0 Exploitation**

<b>SN</b>	<b>Item</b>	<b>Proposals (2023-24)</b>	<b>Actual work (2023-24)</b>	<b>Remarks</b>
3a	Number of pits proposed for production	As per proposal, 1 pit was proposed for production of ROM	Observed as per proposal	
3b	Quantity of mineral production proposed (Limestone)	ROM proposed during 2023-24 is 40000 T	Total production during 2023-24 is 39913.6 T	
3c	Recovery of saleable/ usable mineral from ROM production	95% recovery from ROM	Entire ROM is useable.	
3d	Quantity of mineral reject generation	5%	No significant mineral reject in this mine is being generated.	
3e	Grade of mineral reject generation and threshold value declared	Not applicable	Not applicable	
3f	Quantity of sub-grade mineral generation	Generated during the year 1000 T	disposed during the year 1000 T	
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 & carried out for sub-grade mineral and reject	Not Applicable	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	Drilling operation proposed by Jack hammer drill of 32 mm dia holes and blasting by slurry explosive.	Deployed as per proposal	
3k	Provision of mining machineries in mineral benches	Compressor, excavator, dumpers	Deployed as per proposal	
3l	Whether height of benches	In mineral, Average Height of	Bench height has been	

	in overburden and mineral suitable for method of mining proposed in MP/SOM	benches proposed is 3m.	observed more than the proposed height; Violation has been pointed out under rule 11(1) of MCDR 2017.	
3m	Total area covered under excavation/pits	2.582 h	Broadly as per the proposals	
3n	Ore to OB ratio for the pit/mine during the year	1:00	More or less it is 1:00	
3o	Total area put in use under different heads at the end of year	proposed	Area as on 31.03.2024 Pit=2.582 h Waste disposal=0.1 h Roads and others=0.08 h PMCP work=0.006 h	
3p	Production of Limestone & Shale during last five-year period, as applicable	2019-20=45310 T 2020-21=45675 T 2021-22=40000 T 2022-23=40000 T 2023-24=40000 T	2019-20=Nil 2020-21=Nil 2021-22=34143.5 T 2022-23=33147.0 T 2023-24=39913.6 T	
3q	General remarks of inspecting officer on method of mining etc.			

#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Dump proposed within lease area, Dumping was proposed towards western flank of lease area.	Separate dumping of waste has been carried out as per proposal	.
4b	Location of topsoil, OB & mineral reject dumps	Dump proposed within lease area	Mineral reject dump is found at separate location as per proposal	
4c	Number of dumps within lease area and outside lease area	One dump proposed	One active dump has been observed in the mine.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumping was proposed towards south west slope of	Dumping has been carried out at earmarked place.	

		lease area.		
4e	Number of active & alive dumps	one	one	
4f	Number of dead dumps	None	None	
4g	Number of dumps stabilised	Not Applicable	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal incorporated	Not Applicable	However instructions have been given for the construction of the retaining wall apart from the proposal at the different location as per the requirement of the lease area.
4i	Length of Retaining wall or garland drain all along dump	Not quantified	Not quantified	
4j	Number of settling ponds	Not Applicable	Not Applicable	
4k	Specific comments of inspecting officer	The mine generates minimal topsoil, which is used for road maintenance and plantation.		

#### **5.0 Solid Waste Management-Backfilling**

<b>SN</b>	<b>Item</b>	<b>Proposals (2023-24)</b>	<b>Actual work (2023-24)</b>	<b>Remarks</b>
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposals for backfilling in year 2023-24	Area has not been matured yet for backfilling.	
5b	Area under backfilling of mined out area	No proposals incorporated	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposals incorporated	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	No proposals incorporated	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc			

## 6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	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.	Proposals are incorporated	PMCP submitted (2023-24)	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation (Parapet wall) vi) Cost incurred on watch & care during the year	Not Proposed  Not Proposed  Not applicable  Not Proposal	Not applicable  Not applicable Not applicable  Not applicable  Not applicable	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Not Proposal  Not Proposal  Not Proposal  Not Proposal	Not applicable  Not applicable  Not applicable  Not applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not Proposal Not Proposal Not Proposal	Not applicable Not applicable Not applicable	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring proposed	Monitoring is done	
6f	General remarks of inspecting	50 saplings proposed during 2023-24 within the mining lease		

officer on PMCP compliance & progressive	which have been achieved during the proposed year.
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### **7.0 Mineral Conservation**

<b>SN</b>	<b>Item</b>	<b>Proposals (2021-22)</b>	<b>Actual work</b>	<b>Remarks</b>
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	Not proposed.	Not Applicable	
7d	Any beneficiation process at mines	Not Applicable	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no problem of mineral Conservation at this Mine. 1000 T sub grade mineral reject generated and disposed during the year.		

### **8.0 Environment**

<b>SN</b>	<b>Item</b>	<b>Proposals (2023-24)</b>	<b>Actual work</b>	<b>Remarks</b>
8a	Separate removal and utilization of topsoil (Rule 32)	Soil will be used in plantation	The mine generates minimal topsoil, which is used for road maintenance and plantation.	
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	Baseline study done	Cumulative 135 saplings have been planted till	

	plantation done (Rule 41)		the current year	
8g	Survival rate	75%	60%	
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	The aesthetic beauty of the area is largely maintained, except for the land degradation caused by mining. To preserve this beauty, more focus should be placed on planting appropriate saplings with a high survival rate, considering the local climatic conditions around the mine site.		

#### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	All Monthly and Annual Return Submitted.		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished	Mining Engineer= K. Mishra Geologist= Ritu Aggarwal	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	Area as on 31.03.2024 Pit=2.582 h Waste disposal=0.1 h Roads and others=0.08 h PMCP work=0.006 h	
9d	Scrutiny of Annual return on Afforestation	Furnished	50 saplings have been done 40 within the lease area 10 outside the lease area	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Furnished	1000 T sub grade mineral rejected and disposed in the last year	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	40000 tonne	39913.6 T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Furnished	Sale value, for cement grade= 15765440 ₹.  Ex. Mine price, Cement grade=₹400/T.	

			Cost of production =₹329.49/T.	
9h	Scrutiny of Annual return on fixed assets	Furnished	₹ 4072860	
9i	Scrutiny of Annual return on mining machineries	Furnished	Air Compressor, Blast Host Drill and dumper front and loader	
9J	General remarks of inspecting officer on aesthetic beauty in and around mines area			

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

**MCDR COMPLINCE PAST AND PRESENT**

9a	Previous date of inspection	17.11.2023	
9b	Violations pointed out in previous inspection	34 (A)	
9c	Check Compliance status of complied violations	34 (A) has been complied.	
9d	Pending violations	No violation is pending	
9e	Status of compliance of MCDR,2017, including therewith the rectification of outstanding violation of rules	-	
9f	Violation Detected And Pointed Out During This Inspection	Rule 11 (1) and 45(7)	

Date:

Nitin  
Junior mining geologist  
Indian Bureau of Mines