

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

Mine file No : HP/SRM/LST-27

Mine code : 38HPR10029

- (i) Name of the Inspecting : 8( ) SHRI DEEPAK SHARMA  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Som Prakash Tomar, Manager, Narendra Singh Lessee Par  
Official with  
Designation
- (iv) Date of Inspection : 13/06/2022
- (v) Prev.inspection date : 08/11/2021

**PART-I : GENERAL INFORMATION**

1. (a) Mine Name : BHIMGODA
- (b) Registration NO. : IBM/7858/2011
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :  
State : HIMACHAL PRADESH  
District : SIRMUR  
Village : BAGANDHAR  
Taluka : KAMRAOO  
Post office : KAMRAOO  
Pin Code : 173029  
FAX No. : N.A  
E-mail : N.A  
Phone : (01704)-62519,62521; 71219
- (f) Police Station : PAONTA SAHIB
- (g) First opening date : 01/01/1985
- (h) Weekly day of rest : SUN
2. Address for : M/S SOHAN SINGH MEET SINGH  
correspondance : VPO - KAMRAU  
DISTRICT - SIRMOUR (H.P.)
3. (a) Lease Number : HPR0032
- (b) Lease area : 3.32
- (c) Period of lease : 50
- (d) Date of Expiry : 16/04/2034
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : Sohan Singh Meet Singh  
 VPO- Kamrao Distt.-Sirmaur  
 ( H.P.) SIRMUR HIMACHAL  
 PRADESH  
 Phone:  
 FAX :

Owner : Sohan Singh  
 Sohan Singh VPO-Kamrao  
 Distt.-Sirmaur SIRMUR  
 HIMACHAL PRADESH  
 Phone:  
 FAX :

6. Date of approval of Mining Plan/Scheme of Mining	:	Existing rule 11 MCDR1988	19/09/1991
		Mining Scheme rule 12 MCDR1988	29/01/1998
		Mining Scheme rule 12 MCDR1988	21/04/2003
		Renewal under rule 22 MCR1960	23/03/2009
		Mining Scheme rule 12 MCDR1988	11/12/2013

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal of exploration was given in the previous year 2020-21	No exploration work was carried out in the reporting year 2020-21	
1b	Exploration over lease area for geological axis 1 or 2	ML is explored upto G1 level of exploration	ML is already explored upto G1 level as per approved mining plan	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Mentioned	Not Available	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Entire ML area is explored upto G1 level	Entire ML area is already explored upto G1 level ✓	
1e	Balance reserve as on 01/04/20	as on 01.02.2019 111-1011846 221&222- 248614	as on 01.04.2022 111-830506.9 221&222-248614	units are in tonnes
1f	General remarks of inspecting officers on geology, exploration etc			ML area is already explored upto G1 level, the ML area belongs to lower himalayas ranges and the mineralisation is in krol belt, limetstone of the area is light to dark grey in colour, moderate hard medium to fine grain

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	It was proposed to work in the old open pit with the advancement direction towards North-West direction	The working was in the proposed location with north-west directional advancement as per the proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Proposed	As the ML is situated in the hilly terrain, low amount of soil cover as well OB
2c	Stripping ratio or ore to OB ratio	1:0.00	1:0.015
2d	Quantity of topsoil generation in m3	Not Proposed	Nil
2e	Quantity of overburden generation in m3	Not Proposed	1200 tonnes
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Development work was in the proposed location however the development rate was slower than proposed reason mentioned by lessee 1) unavailability / breakdown on machineries 2) hilly terrain rainy season

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**Exploitation:**

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	one	single pit proposed for production	
3b	Quantity of ROM mineral production proposed	105212 tonnes	75348.500 tonnes	

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3c	Recovery of sailable/usable mineral from ROM production	90-95 %	95 % approx
3d	Quantity of mineral reject generation	10521 tonnes	100 tonnes
3e	Grade of mineral rejects generation and threshold value declared.	Low grade below thrshold	below threshold limit
3f	Quantity of sub grade mineral generation.	Not Proposed	NIL
3g	Grade of sub grade mineral generation	Not Proposed	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	Manual Method Proposed	Manual Method Adopted
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Not Applicable
3j	Provision of drilling and blasting in mineral benches	Proposed	as per approved mining plan drillign and blasting is being done for excavation
3k	Provision of mining machineries in mineral benches	Proposed	HEMM is being used for excavation and transportaion of the Mineral
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Applicable	No OB bench in the excavation site only mineral bench formed
3m	Total area covered under excavation/pits	2.12 hect	1.96 hect

3n	Ore to OB ratio for the pit/mine during the year.	1:00	1:0.015	
3o	Total area put in use under different heads at the end of year	2.87 hect	2.31 hect	
3p	Production of ROM mineral during the last five year period as applicable	2019-20=105210 2020-21=105212 2021-22=105212	2017-18=102864.30 2018-19=0.00 2019-20=34485.00 2020-21=71505.60 2021-22=75348.50	units are in tonnes
3q	General remarks of inspecting officers on method of mining etc.			HEMM is being used for excavation and transportation of mineral, drilling and blasting as per the approved 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)	Proposed	OB and Soil were not generated during the year	
4b	Location of topsoil, OB and mineral reject dumps	Proposed	Mineral reject dumps are proposed in two places in the ML area 1) Southern part of the ML area and 2) Eastern part of the ML area	
4c	Number of dumps within lease area and outside of lease area	two dumps within the ML area	two small sized mineral reject dump are located in the ML area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within the UPL	within the UPL	
4e	Number of active and alive dumps.	two active dumps	two active dumps small sized mineral reject dump	

4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Not Proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	NIL	
4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management			only two small sized mineral reject dumps are located in the ML area

#### 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.	full extraction of mineral proposed	full extrcation of mineral is proposed and under progress	
5b	Area under backfilling of mined out area	Not Proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Proposed	as the ML does not have any thick deposition of soil cover, however whatever the ammount generated it was used in planttaion	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	No area is mature enough for the program of reclaimanation and rehabilitation	

5e General remarks of inspecting officers on backfilling and reclamation etc.

No area is mature enough for the reclamation and rehabilitation

#### 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).	proposed	submitted	
6b	Area available for rehabilitation (ha) .	0.020 hect	0.025 hect aprox	
6c	afforestation done (ha).	0.020 hect	0.025 hect on private land	
6d	No. of saplings planted during the year	70-80 nos	100 nos	
6e	Cumulative no .of plants	100 nos	100 nos	
6f	Any other method of rehabilitation	Not Proposed	Nil	

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM dispatch is proposed	ROM is being dispatched to storage facility in the foothills	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual Method adopted	



7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			ROM is being dispatched to storage facility located in the foothills

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	as the ML does not have soil deposition however whatever the soil generated is used in plantation	
8b	Concurrent use or storage of topsoil	Proposed	as the ML does not have soil deposition however whatever the soil generated is used in plantation	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	within the ML area	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	For reclaimanation work	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed	it is proposed to do the eclaimanation work after full extration of the mineral	

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8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Proposed	as per approved mining plan	
8g	Survival rate	80 %	70%	
8h	Water sprinkling on roads to control airborne dust	Proposed	By water tanker	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			as the Mine is located in the hilly terrian, excavated area needs to improve by means of plantation

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	AR sumitted upto 2021-22 MR submitted upto July 2022	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished	Mining Engineer in charge Som Prakash Geologist in charge ARUN DHIMAN	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	furnished	Lease area (surface area) utilisation as at the end of year (hectares) Under forest Outside forest Total (i) Already exploited & abandoned by opencast (O/C) mining 0.000 0.000 0.000 (ii) Covered under current (O/C) Workings 0.000 0.380 0.380 (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.100 0.100 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.400 0.400 (vi) Other Purpose (0.0) 0.000 0.000 0.000 (vii) Work done under progres
9d	Scrutiny of Annual return on afforestation	Furnished	4.4 (a) Within lease area (b) Outside lease area (i) Number of trees planted during the year 0 100 (ii) Survival rate in percentage 0.00 70
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Furnished	1200 tonnes

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Furnished	Category Opening stock (in tonne) Production (in tonne) Closing stock (in tonne) (a) Open Cast Workings 0.000 75348.500 0.000 (b) Underground Workings 0.000 0.000 0.000 (c) Dump Workings 0.000 0.000 0.000
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Furnished	Ex Mine Price 300.00
9h	Scrutiny of Annual return on fixed assets	Furnished	Value of Fixed Assets (in .) 2551790
9k	Scrutiny of Annual return on mining machineries	furnished	Type of machinery Capacity of each unit No.of units Electrical/ Non-Electrical (specify) Used in opencast/ underground (specify) DUMPER 10.000 TONNE 4 Non Electrical Opencast AIR COMPRESSOR 175.000 CUM/MN 2 Non Electrical Opencast BACK HOE 80.000 CUM 1 Non Electrical Opencast

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

Date :

(SHRI DEEPAK SHARMA)

Indian Bureau of Mines