

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

Mine File No.

Minecode: 38HPR10079

(i)	Name of the Inspecting Officer	Deepak Sharma
(ii)	Designation	Senior Mining Geologist
(iii)	Accompanying mine official with designation	Deepak Bhatnagar
(iv)	Date of Inspection	01.10.2022
(v)	Prev. Inspection date	-

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	Bhawani Limestone Mines
	(b)	Registration No.	
	(c)	Category	A-Category
	(d)	Type of Working	Opencast
	(e)	Postal Address	
		State	Himachal Pradesh
		District	Sirmour
		Village	Bhawani
		Taluka/Tehsil	Poanta Sahib
		Post Office	Poanta Sahib
		Pin Code	173001
		FAX No.	NA
		E-mail	jankiminesminerals@gmail.com
		Phone	NA
(f)	Police Station	Sadar	
(g)	First Opening Date	NA	
(h)	Weekly day of rest	-	
2		Address for Correspondence	M/s Janki Mines & Minerals
			Village & Post Bhawani
			Tehsil-Poanta Sahib
			District-Sirmour
			Himachal Pradesh-173001
3	(a)	Lease Number	-
	(b)	Lease Area	5.61 hect
	(c)	Period of Lease	50 Years
4		Mineral Worked	Limestone

PART-II: OBSERVATION / COMMENT OF INSPECTING OFFICER

1. Exploration:

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	No proposal was given for the reporting year	NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	Potential mineralized area is explored up to G2 level	Potential mineralized area is explored upto G2 level of exploration needs to explore upto G1	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not Proposed	Not Mentioned	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Potential Mineralized area is explored upto G2 level	Potential Mineralized area already explore upto G1 Level	
1e	Balance reserves as on 01.04.2017	111-422900 121&122-2185200 221&222-1563000	111-422900 121&122-2185200 221&222-1563000	No depletion as the mines was non-working.
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	Not Proposed	NIL	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Proposed	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.1	Nil	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	NO work was done in the ML mine was closed and under suspension		

3. Exploitation:

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	It was proposed to work in the pit 1	No work done	

3b	Quantity of ROM mineral production proposed	34000	Nil	
3c	Recovery of Salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Proposed	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Nil	
3f	Quantity of sub-grade mineral generation	Not Proposed	Nil	
3g	Grade of sub-grade mineral generation	Not Proposed	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized method was proposed	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil	
3j	Provision of drilling & blasting in mineral benches	Proposed	NIL	
3k	Provision of mining machineries in mineral benches	Use of HEMM was proposed to be used	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not proposed	Nil	
3m	Total area covered under excavation /pits	3.1706	0.110	
3n	Ore to OB ratio for the pit/mine during the year	1:0.1	Nil	
3o	Total area put in use under different heads at the end of year	3.333	0.1993	
3p	Production of ROM mineral during last five-years period, as Applicable	2017-18=4000 2018-19=-18000 2019-20=22000 2020-21=26000 2021-22=34000	2017-18=0 2018-19=0 2019-20=0 2020-21=0 2021-22=0	
3q	General remarks of inspecting officer on method of mining etc	No work was done in the ml, ml was closed and under suspension		

4. Solid Waste Management-Dumping:

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Proposed	Nil	
4b	Location of topsoil, OB & mineral reject dumps	Proposed	Within ML	
4c	Number of Dumps within lease area and outside lease area	Proposed	Nil	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Proposed	Outside the UPL	
4e	Number of Active & Alive dumps	Proposed	Nil	

4f	Number of deed dumps	Not Proposed	Nil	
4g	Number of dumps established	Not proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Proposed	Nil	
4i	Length of Retaining wall or garland drain all along dump	Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific commends of inspecting officer on waste dump management	No work was done in the ml, ml was closed and under suspension		

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	Not Proposed	Full extraction of mineral is not done yet, mineral continuity still exists	
5b	Area under backfilling of mined out area	Not Proposed	No area fully mature for backfilling	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Proposed	Nil	
5d	Total area fully reclaimed & rehabilitated	Not Proposed	No area fully mature enough for reclamation program	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No work was done in the ml, ml was closed and under suspension		

6. Progressive Mine Closer Plan:

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20	Proposed	Not Submitted	VL issued
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not Proposed	Nil	
	ii) Afforestation done (ha)	0.10	Nil	

	iii) No. of saplings planted during the year	100	Nil	
	iv) Cumulative no. of plants	430	Nil	
	v) Any other specific method of rehabilitation	Not Proposed	Nil	
	vi) Cost incurred on watch & care during the year	Not Proposed	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L*B*D)	Not Proposed	Nil	
	ii) Void filled by waste/tailings	Not Proposed	Nil	
	iii) Afforestation on the backfilling	Not Proposed	Nil	
	iv) Rehabilitation by making water reservoir	Not Proposed	Nil	
	v) Any other specific means	Not Proposed	Nil	
6d	Compliance of Rehabilitation of waste land within lease			
	i) Afforestation	Not Proposed	NIL	
	ii) Area rehabilitation	Not Proposed	Nil	
	iii) Method of rehabilitation	Not Proposed	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Not Proposed	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	No work was done in the ml, ml was closed and under suspension		

7. Mineral Conservation:

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM dispatch is proposed	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	Nil	
7c	Different grade of mineral sort out at mine	Not Proposed	Nil	
7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No work was done in the ml, ml was closed and under suspension		

8. Environment:

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed	NIL	
8b	Concurrent use or storage of topsoil	Proposed	NIL	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed	NIL	
8g	Survival rate	90%	NIL	
8h	Water sprinkling on roads to control airborne dust	Proposed	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	No work was done in the ml, ml was closed and under suspension		

9. Compliance of Rule 45:

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	AR and MR submitted	AR and MR submitted online
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	NIL
9d	Scrutiny of Annual return on afforestation	Furnished	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Furnished	Nil
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Furnished	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Furnished	Nil

9i	Scrutiny of Annual return on Fixed assets	Not Furnished	NIL
9k	Scrutiny of Annual return on mining Machinerries	Furnished	Nil