

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** HP/SRM/LST-29

**Mine code :** 38HPR10001

- (i) Name of the Inspecting : **G021** ) **DATA RAM GURJAR**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : **K.MISHRA, MINES MANAGER**  
Official with  
Designation
- (iv) Date of Inspection : 20/01/2017
- (v) Prev.inspection date : 07/09/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BANDLA**
- (b) **Registration NO.** : **IBM/1064/2011**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :  
State : HIMACHAL PRADESH  
District : SIRMUR  
Village : BANDALA  
Taluka : KAMRAOO  
Post office : SHAWGA  
Pin Code :  
FAX No. :  
E-mail :  
Phone : (01704) 225737, 273337
- (f) Police Station : PAONTA SAHIB
- (g) First opening date : 01/08/1985
- (h) Weekly day of rest : SUN
2. Address for : M/S FRIENDS MINERALS  
correspondance : VILLAGE- SHAMAH, POST-DUGANA, SUB. TEHSIL- KAMRO  
DISTRICT - SIRMOUR (H.P)
3. (a) Lease Number : HPR0018
- (b) Lease area : 4.91
- (c) Period of lease : 50
- (d) Date of Expiry : 31/07/2035
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : FRIENDS MINERALS  
 GORKHU LODGE SIMLA  
 HIMACHAL PRADESH  
 Phone:  
 FAX :

Owner : FRIENDS MINERALS  
 Jati Ram Sharma GORKHU  
 LODGE SHIMLA (HP), PIN-  
 171009 SIRMUR HIMACHAL  
 PRADESH  
 Phone:  
 FAX :

Agent : SANT RAM SHARMA  
 Gorkhu Lodge Kasumpti  
 Shimla SIRMUR HIMACHAL  
 PRADESH  
 Phone: (0177) 225737  
 FAX :

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	19/12/1990
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	30/06/2000
	:	Renewal under rule 22 MCR1960	10/04/2006
	:	Mining Scheme rule 12 MCDR1988	10/08/2011

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	No backlog of previous year.	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	N/A	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal of exploration	N/A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal in this regard.	N/A	
1e	Balance reserve as on 01/04/20	As per recently approved review & updation of mining plan(Approved on 29/07/2016) the position of reserve as on 01-04-2016 are as follows: 111:1.347765 million tonnes, 122:0.330078 million tonnes.	As per recently approved review & updation of mining plan(Approved on 29/07/2016) the position of reserve as on 01-04-2016 are as follows: 111:1.347765 million tonnes, 122:0.330078 million tonnes.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Mine development was proposed on hill top side(Southern side of the lease boundary).	Same location as per proposal.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Development work is not commensurate as per proposals hence violation of rule 13(1) of MCDR issued to the lessee.
2c	Stripping ratio or ore to OB ratio	1:.05 during the last year(2015-16)	Approximately Same as per proposal.
2d	Quantity of topsoil generation in m3	No top soil generation proposed.	N/A
2e	Quantity of overburden generation in m3	1500 tonnes of waste generation was proposed during the last year(2015-16)	Very less quantity of waste was generated as only 2105 T ROM production was achieved during the last year 2015-16.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	Duringg the last year 2015-16 total 30,000T of ROM mineral production was proposed.	2105 T production achieved during the year 2015-16.	
3c	Recovery of sailable/usable mineral from ROM production	95%	Same as per proposal.	
3d	Quantity of mineral reject generation	1500 tonnes during the last year 2015-16.	Very less quantity of waste was generated as compared to proposal.	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	N/A	
3f	Quantity of sub grade mineral generation.	No proposal	N/A	
3g	Grade of sub grade mineral generation	No proposal of subgrade mineral generation.	N/A	

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3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	N/A
3j	Provision of drilling and blasting in mineral benches	Jack hammer 32mm Holes 7 Blasting.	Same as per proposals.
3k	Provision of mining machineries in mineral benches	During the year 2015- 16,Manual mining was proposed.From year 2016-17 onwards Excavator/JCB shall also be used.	As per proposals.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes
3m	Total area covered under excavation/pits	As per latest approved mining plan 2.1 Hect area under mining.	Same as per proposals.
3n	Ore to OB ratio for the pit/mine during the year.	1:.05 for the year 2015-16	Approximately same as per proposals.
3o	Total area put in use under different heads at the end of year	As per latest approved mining plan(Approved on 29-07-2016) area under different heads at the end of year 2015-16 are Mining: 2.10 Hect, Waste dumps: 0.73 Hect, Roads: 0.306 Hect.	Same as per proposals.

3p	Production of ROM mineral during the last five year period as applicable	Proposed production for the last five years: 2011-12:11400T, 2012-13:17100T, 2013-14:21375T, 2014-15:25650T, 2015-16:30000T	Actual production for the last five years: 2011-12:8876T, 2012-13:7921T, 2013-14:Nil, 2014-15:4251T, 2015-16:2105T
3q	General remarks of inspecting officers on method of mining etc.	Opencast	Opencast

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Yes as perproposal.	
4b	Location of topsoil, OB and mineral reject dumps	North Eastern portion of the lease area.	As per proposal.	
4c	Number of dumps within lease area and outside of lease area	Two	Two	
4e	Number of active and alive dumps.	One	One	
4f	Number of dead dumps.	One	One	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal during the last year 2015-16.	Nil	
4j	Number of settling ponds	No proposal.	N/A	

## Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal of back filling during the last year.	N/A	
5b	Area under backfilling of mined out area	No proposal of back filling during the last year.	N/A	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	For plantation.	As per proposal.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Area is not matured for backfilling.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Not submitted hence violation of rule 23(E)(2) of MCDR 1988 issued to the lessee.	Not submitted hence violation of rule 23(E)(2) of MCDR 1988 issued to the lessee.	
6d	No. of saplings planted during the year	100	100	
6f	Any other method of rehabilitation	No proposal	Nil	

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	All ROM mineral shall be dispatched.	All ROM mineral dispatched.	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7d	Any beneficiation process at mines .	No proposal	Not applicable.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No issue of mineral conservation.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation proposed.	N/A	
8b	Concurrent use or storage of topsoil	Plantation	Plantation	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes as per proposal	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	100 Nos.	100 Nos.	
8g	Survival rate	60 to 70%	60%	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No adverse thing was observed.

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Annual return 2015-16 submitted, Monthly return for Dec 2016 not submitted.	Violation of rule 45(5)(a) of MCDR 1988 issued to the lessee for non submission of monthly return on time.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Given.

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**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
Rule 13(1)	23/01/2017	22/03/2017			
Rule 23E(2)	23/01/2017	22/03/2017			
Rule 45(5)(a )	23/01/2017	22/03/2017			

**Date :**

(DATA RAM GURJAR)

Indian Bureau of Mines