

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

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

**Mine code :** 38HPR10065

- (i) Name of the Inspecting : **G021** ) **DATA RAM GURJAR**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Rinku Chouhan, Owner's Representative  
Official with  
Designation
- (iv) Date of Inspection : 11/01/2017
- (v) Prev.inspection date : 15/01/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **CHOWKI MIRGWAL**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address  
State : HIMACHAL PRADESH  
District : SIRMUR  
Village : CHOWKI  
Taluka : PAONTA SAHEB  
Post office : KAMROO  
Pin Code :  
FAX No. :  
E-mail :  
Phone : 09418648052
- (f) Police Station :
- (g) First opening date : 31/12/1988
- (h) Weekly day of rest : SUN
2. Address for : GIRI LIME AND CHEMICALS  
correspondance Prop. Shri Arun Grover, Badri Nagar  
Pounta Sahib, Distt.-Sirmour(HP)
3. (a) Lease Number : HPR0059  
(b) Lease area : 4.06  
(c) Period of lease : 50  
(d) Date of Expiry : 02/06/2036
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : GIRI LIME AND CHEMICALS  
1,GOL MARKET RISHIKESH U.A.  
TEHRI GARHWAL UTTARAKHAND  
Phone:  
FAX :

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	06/01/1992
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	17/05/2000
		Renewal under rule 22 MCR1960	13/10/2011

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Backlog	N/A	
1b	Exploration over lease area for geological axis 1 or 2	No proposal during this year for exploration.	N/A	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal of exploration during this year.	N/A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal of exploration during this year.	N/A	
1e	Balance reserve as on 01/04/20	As per approved Review & Updation of mining plan(Approved on 18/07/2016) the resreve & resources are given below as on 01-04-2016: 111: 1.190871 million tonnes, 122: 0.279621 million tonnes, 211: 1.457730 million tonnes, 222: 0.573516 million tonnes	Same as approved Review & Updation of mining plan(Approved on 18/07/2016).	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	During this year 2016-17 the development was proposed in Central Northerrn part of the lease area.	No Development activity was going on the proposed site.Due to land slide ,approcah raod has been collapsed.However violation of rule 13(1) of MCDR 1988 has been issued to the party in this regard.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	No Development activity was going on the proposed site.Due to land slide ,approcah raod has been collapsed.However violation of rule 13(1) of MCDR 1988 has been issued to the party in this regard.
2c	Stripping ratio or ore to OB ratio	During this year 1:0.05	Till now approach road preparing work was going.
2d	Quantity of topsoil generation in m3	176 cum	During this year till now top soil generation is Nil as no deveploment activity start as per proposal.
2e	Quantity of overburden generation in m3	During this year 2016-17 865 cum.	Not assessed till now.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		No Development activity was going on the proposed site.Due to land slide ,approcah raod has been collapsed.However violation of rule 13(1) of MCDR 1988 has been issued to the party in this regard.

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	During this year One pit was proposed.	Development work going to repair the approach main haul road leading to mine site.No development work going in mine on the proposed location.	

3b	Quantity of ROM mineral production proposed	During the last year 2015-16 total 20000 tonnes ROM was proposed including 2000 tonnes waste.	Annual return for the yaer 2015-16 has not submitted by the lessee.Hence violation letter issued in this regard.
3c	Recovery of sailable/usable mineral from ROM production	90%	90%
3d	Quantity of mineral reject generation	2000 tonnes waste generation was proposed.	No actual figure of waste generation is avialble due to non submission of annual return for the last year 2015-16.
3f	Quantity of sub grade mineral generation.	No proposal of subgrade mineral generation during the last year.	Not applicable.
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	Not applicable
3j	Provision of drilling and blasting in mineral benches	Jack hammer(32mm) Drilling & blasting by using slurry explosive cartridge.	Same as per proposal.
3k	Provision of mining machineris in mineral benches	Excavator & dumper combination.	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	It was proposed that at the end of year 2015-16 total 0.75 Hect area will be covered under excavation/pits.	Approximately 0.44 Hect area covered under excavation/pits at the end of year 2015-16.	
3n	Ore to OB ratio for the pit/mine during the year.	1: 0.1 (2015-16)	Approximately same as per proposal.	
3o	Total area put in use under different heads at the end of year	At the end of year 2015-16 total area will be put in use under different heads: Mining: 0.75 Hect; Roads, Infrstructure etc.: 0.1 Hect Others: 0.13 Hect	Under Mining: .44 Hect. Roads: .06 Hect.	
3p	Production of ROM mineral during the last five year period as applicable	2011-12: 10350 T, 2012-13: 18000 T, 2013-14: 18000 T, 2014-15: 18000 T, 2015-16: 18000 T	Actual Production 2011-12: Nil, 2012-13: Nil, 2013-14: 11395.8 T, 2014-15: 14877.7 T, 2015-16: Fig Not available.	Due to non submission of annual return for the year 2015-16 violation of rule 45(5)(b) of MCDR 1988 issued to the lessee for immediate rectification.
3q	General remarks of inspecting officers on method of mining etc.	Opencast	Opencast	

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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	

4b	Location of topsoil, OB and mineral reject dumps	During the year 2015-16 the proposed location of waste dump between 60E to 110E & 50N to 70N	Most of the waste is being used for maintainance of roads, construction of checkdams & remaining small quantity of waste is being temporarily dumped near working pit.
4c	Number of dumps within lease area and outside of lease area	One	One
4e	Number of active and alive dumps.	One	One
4f	Number of dead dumps.	None	None
4g	Number of dumps established.	None	N/A
4j	Number of settling ponds	N/A	N/A

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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.	No proposal of backfilling during the last year	N/A	
5b	Area under backfilling of mined out area	No Proposal	N/A	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Use of top soil for plantation.	As per proposal.	
5d	Total area fully reclaimed and rehabilitated	No proposal	N/A	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The area is not matured for backfilling.

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Annual reprt on PMCP for the year 2015-16 under Rule 23(E)(2) of MCDR 1988 should be submitted by the lessee up to 1 July 2016.	Annual reprt on PMCP for the year 2015-16 has not been submitted by the lessee,violation of Rule 23(E)(2) of MCDR 1988 has been issued to the lessee in this regard.	
6b	Area available for rehabilitation (ha) .	No proposal	N/A	
6d	No. of saplings planted during the year	50	50	
6f	Any other method of rehabilitation	No proposal	N/A	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No Proposal	N/A	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Annual reprt on PMCP for the year 2015-16 has not been submitted by the lessee,violation of Rule 23(E)(2) of MCDR 1988 has been issued to the lessee in this regard.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	90 to 95% of ROM is salable in marked.	90 to 95% ROM is salable in marked & dispatched from mine.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	

7c	Different grade of mineral sorted out at mines.	No subgrade mineral generation proposed.	N/A	
7d	Any beneficiation process at mines	No proposal	N/A	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No specific issue related to Mineral conservation.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	For Plantaion	For plantaion	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	As per proposal	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Most of the waste rock is being used for construcion of haul roads,parapat walls, check dam etc.	As per proposal.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal for the last year 2015-16.	Not applicable.	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 No. Plant	50 Nos. plant.	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No adverse thing in this regards is observed.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly return up to Nov 2016 Submitted. Annual return 2015-16 not submitted on time & Dec 2016 Monthly return not submitted on time.	Violation of Rule 45(5)(a) of MCDR 1988 for monthly return of Dec2016 and Rule 45(5)(b) of MCDR 1988 for Annual Return 2015-16 issued to the lessee.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of Rule 45(5)(a) & 45(5)(b) of MCDR 1988 issued to the lessee.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of Rule 45(5)(a) & 45(5)(b) of MCDR 1988 issued to the lessee.	
9d	Scrutiny of Annual return on afforestation	Annual return for the last year 2015-16 not submitted by the lessee.	Violation of Rule 45(5)(a) & 45(5)(b) of MCDR 1988 issued to the lessee.	

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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				
Rule 23E(2)	23/01/2017				
Rule 45(5)(a )	23/01/2017				
Rule 45(5)(b)	23/01/2017				

**Date :**

**(DATA RAM GURJAR)**

Indian Bureau of Mines