

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

**MCDR INSPECTION REPORT**

**Dehradun regional office**

**Mine file No :** UK/PGR/MEG-12

**Mine code :** 39UTL09001

- (i) Name of the Inspecting : 001 ) K.K.TARDIA  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sri.Jeewan Singh Mall, lessee  
Official with  
Designation
- (iv) Date of Inspection : 14/02/2018
- (v) Prev.inspection date : 30/10/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : DUNGRA
- (b) **Registration NO.** :
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : UTTARAKHAND
- District : PITHORAGARH
- Village : DUNGRA
- Taluka : PITHORAGARH
- Post office : DUNGRA
- Pin Code : 262501
- FAX No. :
- E-mail :
- Phone : 09012910744
- (f) **Police Station** :
- (g) **First opening date** : 10/03/2015
- (h) **Weekly day of rest** : SUN
2. **Address for** :
- correspondance**
3. (a) **Lease Number** : UTL0093
- (b) **Lease area** : 4.18
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 15/02/2035
4. **Mineral worked** : MAGNESITE Main

5. Name and Address of the

Lessee : JEEWAN SINGH MALL  
VILLAGE- JAKHANI, POST-BIN  
DISTRICT- PITHORAGARH  
UTTARAKHAND PITHORAGARH  
UTTARAKHAND  
Phone:9012910744  
FAX :

6. Date of approval of Mining :  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	not proposed	na	
1b	Exploration over lease area for geological axis 1 or 2	Not proposed	na	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	na	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	na	
1e	Balance reserve as on 01/04/20	362913T	345793T	
1f	General remarks of inspecting officers on geology, exploration etc		Exploration not proposed.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Northern part of the area.	As per proposal	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	benches of height & width of 6m were proposed	As per proposal	
2c	Stripping ratio or ore to OB ratio	No proposal was given for stripping ratio	na	
2d	Quantity of topsoil generation in m3	312cubm	240cubm	
2e	Quantity of overburden generation in m3	nil	na	

2f General remarks of inspecting officers on development of pit w.r.t. type of deposit etc Almost as per proposal.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	37800	17120	
3c	Recovery of sailable/usable mineral from ROM production	95% recovery was considered of total RIM	92% recovery was achieved of total ROM.	
3d	Quantity of mineral reject generation	No proposal	na	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	na	
3f	Quantity of sub grade mineral generation.	No subgrade mineral was proposed to be generated	na	
3g	Grade of sub grade mineral generation	No proposal	na	
3h	Manual / Mechanised method adopted for segregating from ROM	Dressing & breaking manually is proposed segregating from ROM.	Dressing & breaking manually is proposed segregating from ROM.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal for ore beneficiation is proposed	na	
3j	Provision of drilling and blasting in mineral benches	Jack hammer drilling & blasting	As per proposal	

3k	Provision of mining machineries in mineral benches	An excavator proposed to be deployed for the development	as per proposal
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	0.075hect	0.075hect
3n	Ore to OB ratio for the pit/mine during the year.	not proposed	na
3o	Total area put in use under different heads at the end of year	Pit-0.075 Waste/reject Others-0.056	Pit-0.075 Waste/reject Others-0.056
3p	Production of ROM mineral during the last five year period as applicable	Yr-2015-16=60000t Yr-2016-17=65000t	Yr-2015-16=2500t Yr-2016-17=9500t
3q	General remarks of inspecting officers on method of mining etc.		The mining operations had been temporary discontinued from 15.6.2017 .

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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)	Topsoil-(mRL)1667-1664	as per proposal	
4b	Location of topsoil, OB and mineral reject dumps	SE of the area	as per proposal	
4c	Number of dumps within lease area and outside of lease area	1	1	
4e	Number of active and alive dumps.	1	1	

4f	Number of dead dumps.	nil	na
4g	Number of dumps established.	NA	NA
4h	Whether Retaining wall or garland drain all along dumps are there.	yes	yes
4i	Length of Retaining wall or garland drain all along dumps	15m	15m
4j	Number of settling ponds	NA	NA
4k	Specific comments of inspecting officer on waste dump management		Almost as per proposal

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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.	Backfilling is not proposed during the period of mine plan	Excavation is continued	
5b	Area under backfilling of mined out area	Nil	N.A	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	na	
5d	Total area fully reclaimed and rehabilitated	Nil	na	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Area yet not mature	

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Progressive Mine Clousre Plan:

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Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Submitted	
6b	Area available for rehabilitation (ha) .	30000	50000	
6d	No. of saplings planted during the year	100	80	

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not proposed	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	MANUAL	
7c	Different grade of mineral sorted out at mines.	Not proposed	na	
7d	Any beneficiation process at mines .	None at present	na	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Method of grade-wise mineral sorting is manually.	

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	yes	yes	yes

8b	Concurrent use or storage of topsoil	stacked separately	stacked separately
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	NA
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Future plantation shall be carried out over dumps.	Some of the waste is being utilised for construction of check dams and retaining walls
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	NA
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not proposed	na
8g	Survival rate	50%	30% TO 40%
8h	Water sprinkling on roads to control airborne dust	BY WATER TANKER	BY WATER TANKER
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around mines are good.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto-Monthly return up to Dec.2017 A.R. submitted up to 2016-17	M.R. Submitted upto-Monthly return up to Dec.2017 A.R. submitted up to 2016-17	



9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	GIVEN in A.R	GIVEN in A.R
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	GIVEN in A.R	GIVEN in A.R
9d	Scrutiny of Annual return on afforestation	GIVEN in A.R	GIVEN in A.R
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	GIVEN in A.R	GIVEN in A.R
9f	Scrutiny of Annual return on ROM stock and/or graded ore	GIVEN in A.R	GIVEN in A.R
9k	Scrutiny of Annual return on mining machineries	GIVEN in A.R	GIVEN in A.R

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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

**Date :**

**(K.K.TARDIA)**

Indian Bureau of Mines