

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/SRH-8/LIM-8

**Mine code :** 38RAJ24007

- (i) Name of the Inspecting : **S012** ) **Sharma H.C.**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 21-DEC-16
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **WATERA 54/11**
- (b) **Registration NO.** : **IBM/15616/2013**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **RAJASTHAN**
- District : **SIROHI**
- Village : **WATERA**
- Taluka : **PINDWARA**
- Post office : **WATERA**
- Pin Code :
- FAX No. : **02742232050**
- E-mail : **Cement.acl@gmail.com**
- Phone : **8238057498**
- (f) **Police Station** : **Rohida**
- (g) **First opening date** : **24-SEP-13**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **Near sales tax check post, National High Way 27,  
Amirgarh City, Palanpur,  
Disstt.- Banaskantha (Gujrat)- 385130**
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : MAHARAJA INTERNATIONAL UNIT OF PAVAN  
SALE TAX CHEKPOINT NH-14,  
AMIRGADH CITY PALANPUR  
BANASKANTHA GUJARAT  
Phone:  
FAX :

Owner : MAHARAJA INTERNATIONAL UNIT OF PAVAN  
SALE TAX CHEKPOINT NH-14,  
AMIRGADH CITY PALANPUR  
BANASKANTHA GUJARAT  
Phone:  
FAX :

Agent : MAHARAJA INTERNATIONAL UNIT OF PAVAN  
SALE TAX CHEKPOINT NH-14,  
AMIRGADH CITY PALANPUR  
BANASKANTHA GUJARAT  
Phone:  
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	Exploration was proposed by drilling 5 boreholes.	The mine had been suspended w.e.f. 7/10/2015 and no exploration work as proposed had been carried out.	
1b	Exploration over lease area for geological axis 1 or 2	Not specified	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specified.	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	N A	Not applicable	
1e	Balance reserve as on 01/04/20	778336Tin proved 111 category	778336Tin proved 111 category	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	The mine had been suspended w.e.f. 7/10/2015 and no exploration work as proposed had been carried out. The party had made no efforts for revocation of Mine.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	300m N to 350m N	The mine had been suspended w.e.f.7/10/2015 and no work as proposed had been carried out.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Seperate benches had been proposed at 3m level difference.	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out.	
2c	Stripping ratio or ore to OB ratio	Not specified	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out.	

2d	Quantity of topsoil generation in m3	There is no top soil.	Nil
2e	Quantity of overburden generation in m3	20000 MT During 2015-16	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out. The party had made no efforts for revocation of Mine.	
3b	Quantity of ROM mineral production proposed	100000 T per annum	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out. The party had made no efforts for revocation of Mine.	
3c	Recovery of sailable/usable mineral from ROM production	80000 T per annum	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out. The party had made no efforts for revocation of Mine.	
3d	Quantity of mineral reject generation	20000 T per annum	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out. The party had made no efforts for revocation of Mine.	
3e	Grade of mineral rejects generation and threshold value declared.	Not specified	Not applicable	
3f	Quantity of sub grade mineral generation.	Not specified	Not applicable	

3g	Grade of sub grade mineral generation	Not specified	Not applicable
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out. The party had made no efforts for revocation of Mine.
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	Drilling by J/H & blasting using ANFO	The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out. The party had made no efforts for revocation of Mine.
3k	Provision of mining machineries in mineral benches	Not specified	Not applicable, The mine had been suspended w.e.f. 7/10/2015 and no work as proposed had been carried out. The party had made no efforts for revocation of Mine.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
3m	Total area covered under excavation/pits	2.97 ha by Pitting	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
3n	Ore to OB ratio for the pit/mine during the year.	Not specified	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
3o	Total area put in use under different heads at the end of year	3.65 ha	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.

3p	Production of ROM mineral during the last five year period as applicable	80000 T per annum	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
3q	General remarks of inspecting officers on method of mining etc.	Not applicable	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.

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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	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
4b	Location of topsoil, OB and mineral reject dumps	Waste proposed near working pit towards southern side.	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
4c	Number of dumps within lease area and outside of lease area	Single	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Out side UPL.	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
4e	Number of active and alive dumps.	Single	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
4f	Number of dead dumps.	None	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
4g	Number of dumps established.	None	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	

4h	Whether Retaining wall or garland drain all along dumps are there.	Not specified	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
4i	Length of Retaining wall or garland drain all along dumps	Not specified	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
4j	Number of settling ponds	No proposal	Not applicable
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.

#### 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 area likely to be matured for backfilling.	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
5b	Area under backfilling of mined out area	None	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not specified	Not applicable	
5d	Total area fully reclaimed and rehabilitated	Not specified	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	yes	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
6b	Area available for rehabilitation (ha) .	Not specified	Not applicable
6c	afforestation done (ha).	No proposal	Not applicable
6d	No. of saplings planted during the year	No proposal	Not applicable
6e	Cumulative no .of plants	No proposal	Not applicable
6f	Any other method of rehabilitation	No proposal	Not applicable
6g	Cost incurred on watch and care during the year	Not specified	Not applicable
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Not applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not specified	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	40 trees per annum	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not specified	Not applicable
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not specified	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.

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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	100000 T per annum	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanized	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	

7c	Different grade of mineral sorted out at mines.	Single grade	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
7d	Any beneficiation process at mines .	No proposal	Not applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Waste proposed to be dumped due south of pit on hill slope.	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not specified	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No area likely to be matured for restoration, reclamation & rehabilitation .	Not applicable	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No trees over hillock, plantation of 40 trees per annum proposed.	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
8g	Survival rate	Not specified	Not applicable
8h	Water sprinkling on roads to control airborne dust	No proposal	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	No M/R & A/R submitted	The mine had been suspended w.e.f. 7/10/2015. The party had made no efforts for revocation of Mine.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not applicable	Not applicable	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not applicable	Not applicable	
9d	Scrutiny of Annual return on afforestation	Not applicable	Not applicable	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not applicable	Not applicable	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not applicable	Not applicable	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not applicable	Not applicable
9h	Scrutiny of Annual return on fixed assets	Not applicable	Not applicable
9k	Scrutiny of Annual return on mining machineries	Not applicable	Not applicable

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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 :****(Sharma H.C.)**

Indian Bureau of Mines