

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/SRH-9/LIM-9

**Mine code :** 38RAJ24006

- (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 53/11**
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address** :  
**State** : RAJASTHAN  
**District** : SIROHI  
**Village** :  
**Taluka** :  
**Post office** :  
**Pin Code** :  
**FAX No.** :  
**E-mail** :  
**Phone** :
- (f) **Police Station** :
- (g) **First opening date** : 24-SEP-13
- (h) **Weekly day of rest** : SUN
2. **Address for** :  
**correspondance**
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	The 5 DTH holes to a depth of 50m were proposed.	Nil, The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
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	Not specified	Not applicable	
1e	Balance reserve as on 01/04/20	488640 T in Proved 111 category	488640 T in Proved 111 category	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation. Neither any exploration had been carried out.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	South centre part advancing to North.	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
2c	Stripping ratio or ore to OB ratio	Not specified	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	

2d	Quantity of topsoil generation in m3	NIL	NIL
2e	Quantity of overburden generation in m3	17019 T	Nil, The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single pit	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
3b	Quantity of ROM mineral production proposed	68000 T per annum	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
3c	Recovery of sailable/usable mineral from ROM production	80% of ROM	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
3d	Quantity of mineral reject generation	17000 T per annum	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
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 was suspended on 7/10/2015 & party had not made any efforts for its revocation.	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No	Not applicable
3j	Provision of drilling and blasting in mineral benches	Drilling by J/H & blasting by ANFO	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
3k	Provision of mining machineries in mineral benches	None	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
3m	Total area covered under excavation/pits	Not specified	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
3n	Ore to OB ratio for the pit/mine during the year.	Not specified	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
3o	Total area put in use under different heads at the end of year	2.16 ha by pitting	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
3p	Production of ROM mineral during the last five year period as applicable	68000 T per annum	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
3q	General remarks of inspecting officers on method of mining etc.	Not applicable	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes proposed	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4b	Location of topsoil, OB and mineral reject dumps	The dumps of Waste proposed towards southern side of Pit.	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4c	Number of dumps within lease area and outside of lease area	Single	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4e	Number of active and alive dumps.	Single	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4f	Number of dead dumps.	Nil	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4g	Number of dumps established.	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes Proposed	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4i	Length of Retaining wall or garland drain all along dumps	Not specified	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
4j	Number of settling ponds	None	None
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.

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Solid Waste Management - Backfilling:

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

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
6b	Area available for rehabilitation (ha) .	Nil	None	
6c	afforestation done (ha).	40 plants per annum proposed over an area of 0.04 ha	Nil, The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
6d	No. of saplings planted during the year	40 plants per annum proposed over an area of 0.04 ha	Nil, The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	

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6e	Cumulative no .of plants	120 no of plants	Nil, The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
6f	Any other method of rehabilitation	Not specified	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
6g	Cost incurred on watch and care during the year	Not Specified	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Not applicable
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	Not specified	Not applicable
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	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	None	Not applicable
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	85000 T per annum	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not specified	Not applicable	
7c	Different grade of mineral sorted out at mines.	only one grade	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	
7d	Any beneficiation process at mines	None	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.	

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No top Soil	Not applicable
8b	Concurrent use or storage of topsoil	None	Not applicable
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Not applicable
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Not applicable
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No trees available 40 plants per annum proposed to be grown.	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
8g	Survival rate	Not specified	Not applicable
8h	Water sprinkling on roads to control airborne dust	No proposal	Not applicable
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	No M/R or A/R submitted.	The mine was suspended on 7/10/2015 & party had not made any efforts for its revocation.
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