

**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 : Sh Rahul Goyal
Official with
Designation
- (iv) Date of Inspection : 07/02/2018
- (v) Prev.inspection date : 21/12/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **WATERA 53/11**
- (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 :
- Pin Code :
- FAX No. :
- E-mail : **cement.acl@yahoo.com**
- Phone : **8238057492**
- (f) **Police Station** : **Pindwara**
- (g) **First opening date** : **24/09/2013**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **M/S Maharaja International, Prop. Rahul Goyal,
Near Sales Tax Check Post, Highway no 14,
Post Amirgarh, Banaskhantha (Gujrat)**
3. (a) **Lease Number** : **RAJ5029**
- (b) **Lease area** : **4**
- (c) **Period of lease** : **50**
- (d) **Date of Expiry** : **29/12/2063**
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 were proposed to a Depth of 50m.	Nil as Mine was suspended on 7/10/2015.	
1b	Exploration over lease area for geological axis 1 or 2	Not applicable	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not applicable	Not applicable	
1e	Balance reserve as on 01/04/20	486882T Proved 111 category.	486882T Proved 111 category.	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	Mine was suspended on 7/10/2015.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	South Central towards North.	Mine was suspended on 7/10/2015.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes Proposed separate bench in O/B, & ore	There is no top soil cover. Mine was suspended on 7/10/2015.	
2c	Stripping ratio or ore to OB ratio	1 : 0.25 for the year 2017-18.	Mine was suspended on 7/10/2015.	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	1180 T rejects generation for the year 2018-19.	Mine was suspended on 7/10/2015.	

2f General remarks of inspecting officers on development of pit w.r.t. type of deposit etc Not applicable Mine was suspended on 7/10/2015.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Pit -1 & pit 2	Mine was suspended on 7/10/2015 & Pits were not worked.	
3b	Quantity of ROM mineral production proposed	68000 T per annum	Not applicable	
3c	Recovery of sailable/usable mineral from ROM production	80 % of ROM.	Not applicable	
3d	Quantity of mineral reject generation	17000 T per annum	Not applicable	
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 applicable	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Not applicable	
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 Jack hammer & tractor compressor.	Not applicable	

3k	Provision of mining machineries in mineral benches	None	Not applicable
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Not applicable, as mine was closed due to suspension of mining operations.
3m	Total area covered under excavation/pits	2.16 ha	0.05 ha
3n	Ore to OB ratio for the pit/mine during the year.	Not specified	Not applicable
3o	Total area put in use under different heads at the end of year	2.16 ha	Not applicable as mine was closed.
3p	Production of ROM mineral during the last five year period as applicable	68000 T per annum.	Nil since 7/10/2015
3q	General remarks of inspecting officers on method of mining etc.	Not applicable	The mine was closed due to suspension of mining operations.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	The separate dumping of Mineral reject proposed. there is no top soil & O/B.	Not applicable	
4b	Location of topsoil, OB and mineral reject dumps	The reject/ waste proposed towards southern side of pit.	Not applicable as mine was suspended.	
4c	Number of dumps within lease area and outside of lease area	Single	Not applicable	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Not applicable
4e	Number of active and alive dumps.	None	Not applicable
4f	Number of dead dumps.	None	Not applicable
4g	Number of dumps established.	None	Not applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes proposed	Not applicable
4i	Length of Retaining wall or garland drain all along dumps	Not specified	Not applicable
4j	Number of settling ponds	None	Not applicable
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The mine was suspended since 7/10/2015.

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.	Back filling will be done after Full extraction	No mineral exhausted in any part of the pits.	
5b	Area under backfilling of mined out area	No proposal	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	There is no top soil.	Not applicable	
5d	Total area fully reclaimed and rehabilitated	None	Not applicable	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	The mine is at beginning stage & no backfilling is feasible.
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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 closed.	
6b	Area available for rehabilitation (ha) .	None	Not applicable	
6c	afforestation done (ha).	40 plants per annum were proposed.	Nil	
6d	No. of saplings planted during the year	40 plants per year	Nil	
6e	Cumulative no .of plants	200 plants to be planted	Nil	
6f	Any other method of rehabilitation	None	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 voids available for backfilling.	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 backfilled area	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.	None	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	None	Not applicable
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	Not applicable
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	As per EC & consent conditions from SPCB.	Not done as mine was closed.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable	The mine was closed due to suspension of mining operations.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	85000 T per annum.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Not applicable
7c	Different grade of mineral sorted out at mines.	Only one grade	Not applicable as mine was closed.
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 closed.

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no top soil.	Not applicable	
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	yes proposed seperate dumps for rejects.	Not applicable	
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)	40 plants per year proposed to be planted.	Nil planted as mine was closed.
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 general aesthetic beauty of the area was satisfactory.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not applicable	The monthly returns submitted up to February 2018, & annual return submitted upto 2016-17.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No details given	Mine was Closed & no employment of Mining Engineer, Manager Etc. done in the mine	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information furnished Nil.	Found in order	
9d	Scrutiny of Annual return on afforestation	Details given	Found in order	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Details furnished	Found OK
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil production given	Found OK
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL Furnished	Found OK
9h	Scrutiny of Annual return on fixed assets	Details given	Found OK
9k	Scrutiny of Annual return on mining machineries	Details given	Found ok

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