

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMENT 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 : 01) Ajay Kumar Jatolia
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 14-OCT-24
- (v) Prev.inspection date : 07-FEB-18

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** : RAJ5030
- (b) **Lease area** : 4.71
- (c) **Period of lease** : 50
- (d) **Date of Expiry** : 29-DEC-63
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

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

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

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

6. Date of approval of Mining : MP review under 17(1) MCR 2016 27-MAR-18
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No backlog of previous year	Not applicable	Nil
1b	Exploration over lease area for geological axis 1 or 2	07 Core boreholes with meterage of 350m has been proposed.	No exploration boreholes have been carried against the proposals of 07 Core boreholes with meterage of 350m.	Hence, violation under rule 11(1) has been issued.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No specific proposal given.	No exploration has been carried out during the year 2023-24	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1: 0 Ha.,G2: 4.7121Ha.	G1: 0 Ha.,G2: 4.7121Ha.	Nil
1e	Balance reserve as on 01/04/20	As per approved document dated 30/01/2023, the position of reserve and resource were 970425.00 and 1158325.00 tonnes respectively.	As per approved document dated 31/03/2024, the position of reserve and resource were 970425.00 and 1158325.00 tonnes respectively.	No production of ROM Has been done during the year 2023-24
1f	General remarks of inspecting officers on geology, exploration etc			No exploration boreholes have been carried against the proposals of 07 Core boreholes with meterage of 350m.Hence, Violation under rule 11(1) of MCDR 2017 has been issued.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
--------	------	-----------	-------------	---------

2a	Location of development w.r.t. lease area	Development of pit has been proposed on north side of pit.	Development of pit has not been carried out during the year 2023-24.	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed	Not applicable as no developmental activity during the reporting year.	Nil
2c	Stripping ratio or ore to OB ratio	No Proposal	Not applicable	Nil
2d	Quantity of topsoil generation in m3	6000 Cum	Nil quantity of Topsoil has been produced during the year 2023-24 against the proposal of 6000Cum quantity of Topsoil.	Nil quantity of Topsoil has been produced during the year 2023-24 against the proposal of 6000 Cum quantity of Topsoil. Hence, Violation letter under rule 11(1) has been issued.
2e	Quantity of overburden generation in m3	No proposal of overburden during the year 2023-24	No overburden has been generated during the year 2023-24	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Nil quantity of Topsoil has been produced during the year 2023-24 against the proposal of 6000 Cum quantity of Topsoil. Hence, Violation letter under rule 11(1) has been issued.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit	One Pit	Nil

3b	Quantity of ROM mineral production proposed	80000.00 tonnes	Nil quantity of ROM production has been produced during the year 2023-24.	Nil quantity of ROM production has been produced during the year 2023-24 against the proposal of 80000 tonnes quantity of ROM. Hence, violation letter under rule 11(1) has been issued.
3c	Recovery of sailable/usable mineral from ROM production	100%	Nil quantity of ROM production has been produced during the year 2023-24.	Nil
3d	Quantity of mineral reject generation	No proposal	Not applicable	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable as no proposal.	Not applicable	Nil
3f	Quantity of sub grade mineral generation.	No proposal	Not applicable	Nil
3g	Grade of sub grade mineral generation	Not applicable as no proposal	Not applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Not applicable	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Not applicable	Nil
3j	Provision of drilling and blasting in mineral benches	Yes	No mining activity has been done during the year 2023-24	Nil
3k	Provision of mining machineries in mineral benches	Yes	No mining activity has been done during the year 2023-24	Nil

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Existing benches have been maintained as per proposal.	Nil
3m	Total area covered under excavation/pits	2.96 Ha.	1.77 Ha.(Already existing)	Nil
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	No Mining activity has been carried out during the year 2023-24	Nil
3o	Total area put in use under different heads at the end of year	3.46 Ha. at the end of plan period.	No Mining activity has been carried out during the year 2023-24	Nil
3p	Production of ROM mineral during the last five year period as applicable	2019-20: 85000 tonnes, 2020-21: 85000 tonnes, 2022-23: 85000 tonnes, 2023-24: 80000 tonnes,	2019-20: 1270 Ton 2020-21: Nil. 2021-22: Nil. 2022-23: 35 tonnes, 2023-24: Nil,	
3q	General remarks of inspecting officers on method of mining etc.			Nil quantity of ROM production has been produced during the year 2023-24 against the proposal of 80000 tonnes quantity of ROM.Hence, Violation under rule 11(1) of MCDR 2017 has been issued.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	Not applicable	Nil
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Not applicable	Nil

4c	Number of dumps within lease area and outside of lease area	No proposal of dump	Not applicable	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal of dump	Not applicable	Nil
4e	Number of active and alive dumps.	No proposal of dump	Not applicable	Nil
4f	Number of dead dumps.	No proposal	Not applicable	Nil
4g	Number of dumps established.	No proposal	Not applicable	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Not applicable	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Not applicable	Nil
4j	Number of settling ponds	No proposal	Not applicable	Nil
4k	Specific comments of inspecting officer on waste dump management			No proposal of dump.

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	Not applicable	Nil
5b	Area under backfilling of mined out area	No proposal	Not applicable	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Not applicable	Nil

5d	Total area fully reclaimed and rehabilitated	No proposal of Reclamation and Rehabilitation	Not applicable.	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No such area has matured for reclamation by backfilling.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	As per rule 26 of MCDR, 2017 holder of mining lease shall submit PMCP before 1st day of July every year.	Not submitted	Mine has not been operated during the year 2023-24.
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	Nil
6c	afforestation done (ha).	0.1 Ha.	No plantation has been done during the reporting year.	Hence, Violation under rule11(1) has been issued.
6d	No. of saplings planted during the year	100 nos	No plantation has been done during the reporting year.	Hence, Violation under rule11(1) has been issued.
6e	Cumulative no .of plants	No specific proposal given	Not reported	Nil
6f	Any other method of rehabilitation	No proposal	Not applicable	Nil
6g	Cost incurred on watch and care during the year	Rs 10000	Not reported	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Not applicable	Nil

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Not applicable	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	Not applicable	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Not applicable	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	Not applicable	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	100 Nos	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	0.1 Ha	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Plantation	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed for monitoring of environment parameter.	No monitoring during RY due to no mining activity.	Nil

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		No plantation has been carried out against the proposal of 100 Nos of Plants.Hence, Violation under rule 11(1) of MCDR 2017 has been issued
----	---	--	---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Mineral directly despatch was proposed.	NIL as no mining activity during RY.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual Sorting or screening	No work during RY.	Nil
7c	Different grade of mineral sorted out at mines.	Cement Grade	No mining activity during RY.	Nil
7d	Any beneficiation process at mines .	No proposal	Not applicable.	NIL.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	ROM proposed to use after manual Sorting or screening.	No mining activity during RY.	No issue related to Mineral conservation observed as no mining activity during RY.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Seperate removal and utilisation of topsoil was proposed.	Nil quantity of Topsoil has been produced during the year 2023-24 against the proposal of 6000 Cum quantity of Topsoil.	Hence, Violation under rule 11(1) of MCDR 2017 Has been issued.

8b	Concurrent use or storage of topsoil	Concurrent use of topsoil was proposed.	Nil quantity of Topsoil has been produced during the year 2023-24 against the proposal of 6000 Cum quantity of Topsoil.	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No dump of OB , waste rock, fines and rejects were proposed	Not applicable	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Not applicable	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Not applicable.	NIL.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	100 nos	NIL.	Violation of rule 11(1) of MCDR, 2017 has been issued.
8g	Survival rate	80%	Not applicable as no planation during RY.	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed	No mining activity during the year.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation work proposed over 0.1 hectare with 100 numbers of saplings.	No plantation during RY	Hence, Violation of rule 11(1) of MCDR, 2017 issued.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

9a	Status of submission of Monthly and Annual returns	As per rule 45 of MCDR, 2017 monthly and annual returns to be submitted.	Annual and Monthly returns for RY have been submitted.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details not given	Mining activity has not been carried out during the year.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information of land use has been furnished.	Appears to be in order.	Nil
9d	Scrutiny of Annual return on afforestation	Nil	No afforestation during RY.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mineral Reject-Nil.	No mineral reject generation as no mining activity during RY.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM Stock-70.95 tonnes, ROM-Nil	Appears to be in order.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale and cost of production: NIL.	No sale and production during RY.	Nil
9h	Scrutiny of Annual return on fixed assets	Fixed asset:NIL	No fixed asset observed.	NIL.
9k	Scrutiny of Annual return on mining machineries	No mining machinery during RY.	Appears to be in order.	Nil

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(Ajay Kumar Jatolia)

Indian Bureau of Mines