

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/AJM-63RAJ01008

Mine code : 63RAJ01008

- (i) Name of the Inspecting : **S012**) **Sharma H.C.**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh. S K Soni, QP
Official with
Designation
- (iv) Date of Inspection : 11/06/2021
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **CHHACHHUNDRA 97/09**
- (b) **Registration NO.** : **IBM/7948/2012**
- (c) **Category** : **A Manual**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **RAJASTHAN**
- District : **AJMER**
- Village : **CHACHUNDRA**
- Taluka : **BHINAI**
- Post office : **CHACHUNDRA**
- Pin Code : **305621**
- FAX No. :
- E-mail : **yttcindianoil@gmail.com**
- Phone : **9414006515**
- (f) **Police Station** :
- (g) **First opening date** : **24/02/2011**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **C/O Yadav Trialor Transport Co.,**
27 Mile Chouraha, Bijay Nagar,
District- Ajmer (Rajasthan)
3. (a) **Lease Number** : **RAJ3881**
- (b) **Lease area** : **4.73**
- (c) **Period of lease** : **30**
- (d) **Date of Expiry** : **23/02/2041**
4. **Mineral worked** : **WOLLASTONITE** **Main**

5. Name and Address of the

Lessee : SURESH YADAV
27 MEEL CHAURAHA BIJAY
NAGAR, AJMER AJMER
RAJASTHAN
Phone:
FAX :

Owner : SURESH YADAV
27, MILL CHAURHA,
VIJAYNAGAR, MASHUDA, AJMER
RAJASTHAN
Phone:
FAX :

Agent : SURESH YADAV
27, MILL CHAURAH, VIJAY
NAGAR, MASHUDA AJMER
RAJASTHAN
Phone:
FAX :

6. Date of approval of Mining : MP modif under MCR 1960
Plan/Scheme of Mining

28/07/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Five trenches were proposed during earlier plan period.	Two trenches were made during earlier plan period.	The future exploration proposed in current plan period.
1b	Exploration over lease area for geological axis 1 or 2	Not specified	2.7 ha proposed in G1 in presently approved Plan period.	
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	2.7 ha proposed in G1 in presently approved Plan period.	2.7 ha proposed in G1 in presently approved Plan period.	
1e	Balance reserve as on 01/04/20	215328 T in proved 111 category as per draft mining plan.	215328 T in proved 111 category as per draft mining plan.	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	The proposed future exploration in current plan period is likely to enhance reserves in proved 111 category.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Mining was proposed by single pit in mineralised area.	Mining operations were suspended from 6/12/2015 & mine was closed since then.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes proposed	Mining operations were suspended from 6/12/2015 & mine was closed since then.	
2c	Stripping ratio or ore to OB ratio	Not specified	Mining operations were suspended from 6/12/2015 & mine was closed since then.	

2d	Quantity of topsoil generation in m3	Not specified	Mining operations were suspended from 6/12/2015 & mine was closed since then.
2e	Quantity of overburden generation in m3	280 T during 2020-21	Mining operations were suspended from 6/12/2015 & mine was closed since then.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable	The opencast method was adopted to work the mineral, Mine was closed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single Pit	Mining operations were suspended from 6/12/2015 & mine was closed since then.	
3b	Quantity of ROM mineral production proposed	37130 T	Mining operations were suspended from 6/12/2015 & mine was closed since then.	
3c	Recovery of sailable/usable mineral from ROM production	80 %	Nil	
3d	Quantity of mineral reject generation	18565 T during 2020-21	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not specified	Nil	
3f	Quantity of sub grade mineral generation.	Nil during 2020-21	Nil	
3g	Grade of sub grade mineral generation	Not applicable	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	None	

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	Yes Proposed	Mine was closed
3k	Provision of mining machineries in mineral benches	JCB with tractor trolley/ Dumper combination proposed.	The mine was closed since 6/12/2015.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3m height proposed which is suitable to the type of deposit.	The mine was closed.
3m	Total area covered under excavation/pits	1.5 ha	0.46 ha
3n	Ore to OB ratio for the pit/mine during the year.	Not specified	Mine was closed.
3o	Total area put in use under different heads at the end of year	Pits- 1.5 ha, waste dump size- 0.315 ha, Roads -0.1 ha.	Pits- 0.46 ha, waste dump size- 0.56 ha, Roads -0.12 ha.
3p	Production of ROM mineral during the last five year period as applicable	2016-17- 2700 T, 2017-18- 3780 T, 2018-19- 5365 T, 2019-20- 7560 T, 18565 T during 2020-21.	2016-17 to 2020-21- Nil, as mine was suspended.
3q	General remarks of inspecting officers on method of mining etc.	Not applicable	The opencast method was adopted to work the mineral, Mine was closed after suspension since 6/12/2015.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No top Soil excavation proposed as Mineral is Out Cropping. Interburden waste proposed to be dumped separately.	Mine was closed.
4b	Location of topsoil, OB and mineral reject dumps	Along Boundary line GH & HI	Being done
4c	Number of dumps within lease area and outside of lease area	Single dump covering 0.315 ha.	Single dump observed.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Out side UPL	Mine was closed.
4e	Number of active and alive dumps.	Single	Mine was closed.
4f	Number of dead dumps.	Nil	Nil
4g	Number of dumps established.	No proposal	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	125 m long retaining wall proposed.	No retaining wall observed.
4i	Length of Retaining wall or garland drain all along dumps	125m	Nil
4j	Number of settling ponds	No proposal	Not applicable
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The waste was dumped as per plan proposals earlier. Mine is closed presently.

Solid Waste Management - Backfilling:

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.	No proposal	Not applicable
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)	No proposal	Not applicable
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	There is no matured area for backfilling & reclamation.

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 as per rule	Not submitted as mine was closed.	
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	
6c	afforestation done (ha).	50 nos	Nil	
6d	No. of saplings planted during the year	No proposal	None	
6e	Cumulative no .of plants	No proposal	Npt applicable	
6f	Any other method of rehabilitation	No proposal	Not applicable	
6g	Cost incurred on watch and care during the year	No proposal	None	

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	Not applicable	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.	No proposal	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	None

6p	Compliance of environmental monitoring (core zone and buffer zone)	As per consent conditions of SPCB.	Mine was closed. No monitoring of pollutant carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable	The mine was closed since 6/12/2015 after its suspension.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	37130 T during 2020-21	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	None	
7c	Different grade of mineral sorted out at mines.	Single grade	The mine was closed.	
7d	Any beneficiation process at mines	No proposal	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	There is no issue of cnservation of mineral in the mine.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil excavation proposed.	None	

8b	Concurrent use or storage of topsoil	No proposal	Not applicable as mine was closed.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Seperate dump of waste proposed.	Being done
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 nos proposed to be planted during previous plan period.	No plantation carried out by the party. Mine was closed.
8g	Survival rate	Not specified	Nil
8h	Water sprinkling on roads to control airborne dust	No proposal	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable	The general aesthatic beauty is undisturbed in the area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not applicable	The M/R sub,itted up to February 2021. The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	Not applicable
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	Not applicable
9d	Scrutiny of Annual return on afforestation	The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	Not applicable
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	Not applicable
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	Not applicable
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	Not applicable
9h	Scrutiny of Annual return on fixed assets	The A/R for the year 2020-21 not submitted to the Regional Controller of Mines.	Not applicable

9k	Scrutiny of Annual return on mining machineries	The A/R for the year 2020- 21 not submitted to the Regional Controller of Mines., mine was closed after its suspension since 6/12/2015.	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