

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/AJM-414/WOL-359

Mine code : 63RAJ01005

- (i) Name of the Inspecting : **G021**) **D R GURJAR**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh. M. M. Atre, Representative of lessee
Official with
Designation
- (iv) Date of Inspection : 05-DEC-22
- (v) Prev.inspection date : 24-JAN-20

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAMAWAS (21/02)**
- (b) **Registration NO.** : **IBM/8565/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : RAJASTHAN
- District : AJMER
- Village : RAMAVAS
- Taluka : BEAWAR
- Post office : RAMAVAS
- Pin Code : 305901
- FAX No. : 9414075575
- E-mail : wolcamines@gmail.com
- Phone : 0141 2523561, 9414075575
- (f) Police Station : BEAWAR
- (g) First opening date : 26-MAY-09
- (h) Weekly day of rest : SUN
2. Address for : SMT RENU ATRE
correspondance : H.NO-378, BLOCK-C,
MALVIYA NAGAR JAIPUR RAJASTHAN
3. (a) Lease Number : RAJ5119
- (b) Lease area : 4.9
- (c) Period of lease : 50
- (d) Date of Expiry : 16-JUN-58
4. Mineral worked : WOLLASTONITE Main

5. Name and Address of the

Lessee : RENU ATRE
 H.N.378, BLOCK-C MALVIYA
 NAGAR JAIPUR JAIPUR
 RAJASTHAN
 Phone:
 FAX :

Owner : RENU ATRE
 JAIPUR RAJASTHAN
 Phone:
 FAX :

Mining Engineer

Name : Purshotum Goel, Full Time
 Qualification : B E (Mining)
 Appointment/ : 01-APR-20
 Termination date

Geologist

Name : Deependra Singh, Part Time
 Qualification : MSC Geology
 Appointment/ : 01-MAY-19
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	20-SEP-06
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	24-JUN-14
	:	MP review under 17(1) MCR 2016	05-JUN-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Exploration was proposed by 10 bore holes (197m) during the year 2018-19 & 10 bore holes (175m) during the year 2020-21.	No exploration has been carried out in the lease area.	Violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023 for exploration work not carried out as per proposal during the year 2019-20 & 2020-21.
1b	Exploration over lease area for geological axis 1 or 2	No proposal in the reporting year 2021-22.	None during the reporting year 2021-22.	Violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023 for exploration work not carried out as per proposal during the year 2019-20 & 2020-21.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal during the year 2021-22.	None during the RY 2021-22.	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	Exploration was proposed during the year 2019-20 & 2020-21.	No exploration has been carried out.	Mine is not working for last few years. Entire potential mineralised area to be explored as per norms of MEMC Rules 2015.
1e	Balance reserve as on 01/04/20	The position of reserve as on 01.04.2018 (as per approved RMP on 05.06.2018) 111: 184711T, 121/122: 88247T	The position of reserve as on 01.04.2022 111: 182181 T, 121/122: 88247T	Nil

1f	General remarks of inspecting officers on geology, exploration etc	Violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023 for exploration work not carried out as per proposal during the year 2019-20 & 2020-21.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	During the year 2021-22, mine development proposed towards SW part of the lease area.	No current mine working observed.	Mine is not working for last two years due to less demand of mineral in the market.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes separate bench in O/B waste & mineral proposed.	No mine development work has been carried out during the year 2021-22.	Mine is not working for last two years due to less demand of mineral in the market.
2c	Stripping ratio or ore to OB ratio	2021-22: 0.25	2021-22: Nil	No mine development has been carried out during the year 2021-22.
2d	Quantity of topsoil generation in m3	No top soil generation proposal during the year 2021-22.	No top soil generated during the year 2021-22.	Nil
2e	Quantity of overburden generation in m3	Waste generation proposal 2021-22: 27014 T	No waste generated during the year 2021-22.	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The opencast manual method has been adopted for carrying out mining operations. The regular work interrupted due to local problem. Mine is not working for more than two years.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	Nil
3b	Quantity of ROM mineral production proposed	2021-22: 45024T	2021-22: Nil	Mine is not working for more than two years.
3c	Recovery of sailable/usable mineral from ROM production	2021-22: 18010 t	2021-22: Nil	Nil
3d	Quantity of mineral reject generation	27014 T	Nil	Mine is not working for more than two years.
3e	Grade of mineral rejects generation and threshold value declared.	Below Therhold value	Nil	Mine is not working for more than two years.
3f	Quantity of sub grade mineral generation.	No proposal during the RY 2021-22.	No subgrade generated during the year 2021-22.	Nil
3g	Grade of sub grade mineral generation	No proposal	Not applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	None	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	None	Nil
3j	Provision of drilling and blasting in mineral benches	Drilling by 32 mm dia Jack hammer & tractor compressor & Blasting by ANFO & slurry explosive.	Being done as proposed.	Nil
3k	Provision of mining machineries in mineral benches	Tractor trolley & loading manually.	Being done as proposed.	Nil

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, bench height of 3 mts in mineral.	As per proposal	Nil
3m	Total area covered under excavation/pits	0.84 hect. at the end of RMP period i.e. up to year 2022-23	0.05 hect.	As per AR 2021-22.
3n	Ore to OB ratio for the pit/mine during the year.	0.25	Nil	Nil
3o	Total area put in use under different heads at the end of year	Total 1.721 hect area under different heads up to year 2022-23.	0.07 hect.	As per AR 2021-22.
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 45050T, 2018-19: 42056T, 2019-20: 42336T, 2020-21: 43344T, 2021-22: 45024T, 2022-23: 45024T	2017-18: 515T, 2018-19: 345T, 2019-20: 2185T, 2020-21: Nil 2021-22: Nil 2022-23: Nil	Mine is not working for last more than two years.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No top soil generation proposal given, only reject generation proposal given	No top soil & reject generated during the year 2021-22.	Nil
4b	Location of topsoil, OB and mineral reject dumps	Proposal of mineral reject dumping was given in the central part of the lease area along Boundry Pillar PQ.	No reject generated in the RY.	Nil

4c	Number of dumps within lease area and outside of lease area	One within lease	No reject generated in RY.	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Not applicable	Nil
4e	Number of active and alive dumps.	01	None	Nil
4f	Number of dead dumps.	No proposal	Not applicable	Nil
4g	Number of dumps established.	No proposal	None	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal in the RY	None during the RY	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal in the RY	None during the RY	Nil
4j	Number of settling ponds	No proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management			No issue observed related to waste dump management.

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	No area become matured for backfilling.	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)	Not applicable as no top soil generated	Not applicable	Nil

5d	Total area fully reclaimed and rehabilitated	No proposal	None	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No area become matured for backfilling.

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).	PMCP report should be submitted before 1july for the previous financial year.	PMCP report for the year 2021-22 not submitted	For non submission of PMCP report for the year 2021-22, Violation of Rule 26(2) of MCDR 2017 issued vide letter dated 30.01.2023.
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	Nil
6c	afforestation done (ha).	2021-22: 0.02 hect.	No plantation observed	During the year 2021-22 total 50 nos. sapling proposed over an area 0.02 hect. but no such sapling observed during the inspection, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023.
6d	No. of saplings planted during the year	2021-22: 50 nos.	Not observed.	During the year 2021-22 total 50 nos. sapling proposed over an area 0.02 hect. but no such sapling observed during the inspection, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023.

6e	Cumulative no .of plants	Not specified	Not reported	PMCP report for the year 2021-22 not submitted hence violation of Rule 26(2) of MCDR 2017 issued vide letter dated 30.01.2023.
6f	Any other method of rehabilitation	No proposal	Not applicable	Nil
6g	Cost incurred on watch and care during the year	Not specified	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 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	50 nos. proposed	Not observed	During the year 2021-22 total 50 nos. sapling proposed over an area 0.02 hect. but no such sapling observed during the inspection, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	Not applicable	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	N/A	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Carried out.	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			(1) For non submission of PMCP report for the year 2021-22, Violation of Rule 26(2) of MCDR 2017 issued vide letter dated 30.01.2023. (2) During the year 2021-22 total 50 nos. sapling proposed over an area 0.02 hect. but no such sapling observed during the inspection, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Usable Mineral 18010T dispatch proposal given	No mineral dispatched during the year.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No grade wise sorting proposed	N/A	Nil
7c	Different grade of mineral sorted out at mines.	No proposal	Not applicable	Nil
7d	Any beneficiation process at mines	No proposal	Not applicable	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No issue observed related to mineral conservation.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation proposal given	No top soil generated	Nil
8b	Concurrent use or storage of topsoil	No proposal	Not applicable	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Mineral reject dumping proposal given.	No mineral reject generated during the RY.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal given	None	Nil

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal during the RY	Not applicable	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	During the year 2021-22 total 50 nos sapling proposed.	No sapling observed.	During the year 2021-22 total 50 nos. sapling proposed over an area 0.02 hect. but no such sapling observed during the inspection, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023.
8g	Survival rate	Not specified	Not reported in AR 2021-22.	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed	Mine was not working at the time of inspection.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty is satisfactory in and around mines area.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual return is to be submitted as per MCDR 2017.	Monthly return submitted up to Dec. 2022 & AR submitted up to 2021-22.	Timely submission
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details given in AR 2021-22.	Correct detail	Nil

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Pit-0.05 hect, Other Area - 0.02 hect.	Seems corrected	Nil
9d	Scrutiny of Annual return on afforestation	No plantation reported in AR 2021-22.	Seems corrected	During the year 2021-22 total 50 nos. sapling proposed over an area 0.02 hect. but no such sapling observed during the inspection, hence violation of Rule 11(1) of MCDR 2017 issued vide letter dated 30.01.2023.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral reject reported in AR 2021-22	No mineral reject generated in the year 2021-22.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM Stock-Nil, Graded Stock-5.45T	Seems corrected	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No production in the year 2021-22, hence production cost-Nil	Seems corrected	Nil
9h	Scrutiny of Annual return on fixed assets	No fixed asset reported in the AR.	Seems corrected	Nil
9k	Scrutiny of Annual return on mining machineries	No machinery reported in AR	Seems corrected as mine not working in the year 2021-22.	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
MCDR17	Rule 11(1)	30-JAN-23			
MCDR17	Rule 26(2)	30-JAN-23			

Date :**(D R GURJAR)**

Indian Bureau of Mines