

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/AJM-293/WOL-1

Mine code : 63RAJ01002

- (i) Name of the Inspecting : **G021**) **D R GURJAR**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Guarav Raj Sharma, Lessee
Official with
Designation
- (iv) Date of Inspection : 04-MAY-22
- (v) Prev.inspection date : 11-MAR-15

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAD**
- (b) **Registration NO.** : **IBM/7008/2011**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
State : RAJASTHAN
District : AJMER
Village : PISANGAN
Taluka : AJMER
Post office : PISANGAN
Pin Code : 305001
FAX No. : 7891869889
E-mail : gauravrajsharmaajmer@gmail
Phone : 7891869889
- (f) Police Station : MANGLIAWAS
- (g) First opening date : 05-MAR-05
- (h) Weekly day of rest : SUN
2. Address for : 78/30, KHATOLA POL
correspondance : NAYA BAZAR, AJMER-305001
3. (a) Lease Number : RAJ2241
(b) Lease area : 5
(c) Period of lease : 20
(d) Date of Expiry : 05-MAR-25
4. Mineral worked : WOLLASTONITE Main
FELSPAR Associated

5. Name and Address of the

Lessee : GAURAV RAJ SHARMA
 78/30, KHATOLA POL NAYA
 BAZAR AJMER RAJASTHAN
 Phone:0145-2623832, 9414002832
 FAX :NA

Owner : GAURAV RAJ SHARMA
 78/30, KHATOLA POL NAYA
 BAZAR AJMER RAJASTHAN
 Phone: 0145-2623832, 9
 FAX : NA

Mining Engineer

Name : Dinesh Shukla, Full Time
 Qualification : BE Mining
 Appointment/ : 01-MAY-22
 Termination date

Geologist

Name : Sunil Madhavraj Bhandarkar, Full Time
 Qualification : MSC Geology
 Appointment/ : 01-MAY-22
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Fresh under rule 22 MCR1960 27-OCT-04
 Mining Scheme rule 12 MCDR1988 22-OCT-10

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Duirng the year 2020-21 noo exploration proposal.	Not applicable.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan, hence exploration proposal submitted in the current approved review of of mining plan as per norms of MEMC Rules 2015 for entire potential mineralised area under G1 level duirng the year 2022-23.
1b	Exploration over lease area for geological axis 1 or 2	No proposal during the year 2021-22.	None	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal during the year 2021-22.	Not pplicable	Nil

1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal during the year 2021-22.	Nil	As per recently approved Review of mining plan (approved on 21.06.2022), the area under G1-0.94 hect, G2-0.99 hect & Unexplored area- 3.07 hect. Proposal of exploration has been incorporated during the year 2022-23 for unexplored area & depth wise exploration up to G1 level as per norms of MEMC Rules 2015.
1e	Balance reserve as on 01/04/20	No such proposal given.	The position of wollastonite reserve as on 01.04.2022 (As per approved review of MP approved on 21.06.2022) 111-412813 tonnes, 122-433520 tonnes The position of feldspar reserve as on 01.04.2022 (As per approved review of MP approved on 21.06.2022) 111-412813 tonnes, 122-433520 tonnes	Nil

1f	General remarks of inspecting officers on geology, exploration etc	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan, hence exploration proposal submitted in the current approved review of of mining plan as per norms of MEMC Rules 2015 for entire potential mineralised area under G1 level during the year 2022-23.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal during the year 2021-22.	Not applicable.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal for the year 2021-22.	Yes, Mineral benches observed.	Nil
2c	Stripping ratio or ore to OB ratio	No proposal for the year 2021-22.	None	Nil
2d	Quantity of topsoil generation in m3	No proposal for the year 202-22.	Not applciable.	Nil
2e	Quantity of overburden generation in m3	No proposal for the year 2021-22.	Not applciable	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal for the year 2021-22.	Total 08 small old pits were observed during the inspection.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan.

3b	Quantity of ROM mineral production proposed	No proposal for the year 2021-22.	None	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan.
3c	Recovery of sailable/usable mineral from ROM production	No proposal for the year 2021-22.	Not applicable	Nil
3d	Quantity of mineral reject generation	No proposal for the year 2021-22.	None during the reporting year.	Nil
3e	Grade of mineral rejects generation and threshold value declared.	No proposal for the year 2021-22.	None	Nil
3f	Quantity of sub grade mineral generation.	No proposal for the year 2021-22.	None	Nil
3g	Grade of sub grade mineral generation	No proposal for the year 2021-22.	Not applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal for the year 2021-22.	None during the reporting year.	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal for the RY 2021-22.	None during the RY.	Nil
3j	Provision of drilling and blasting in mineral benches	No valid proposal during the year 2021-22.	None during the reporting year.	Nil
3k	Provision of mining machineries in mineral benches	No valid proposal during the year 2021-22.	None during the year 2021-22.	Nil

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposal during the year 2021-22.	None during the reporting year.	Nil
3m	Total area covered under excavation/pits	No approved proposal exist for the year 2021-22. Earlier Scheme of mining was valid up to the year 2014-15.	As per recent approved Reveiw of mining plan area covered under mining pits is 0.32 hect (as on 01.04.2022).	Nil
3n	Ore to OB ratio for the pit/mine during the year.	No proposal for the year 2021-22.	None	Nil
3o	Total area put in use under different heads at the end of year	No approved proposal exist for the year 2021-22. Earlier Scheme of mining was valid up to the year 2014-15.	As per recent approved Reveiw of mining plan, total area covered under different heads is 1.475 hect (as on 01.04.2022).	Nil
3p	Production of ROM mineral during the last five year period as applicable	No approved proposal for the last five years. Earlier Scheme of mining was valid up to the year 2014-15.	No production reported during the last five year i.e. 2017-18 to 2021-22.	Nil
3q	General remarks of inspecting officers on method of mining etc.	No valid proposal for the year 2021-22.	Mine is not working since long. Earlier mining has been carried out by open cast mining method which is best suited to the type of deposit.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid proposal for the year 2021-22. Earlier	Separate waste dumping was observed.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan.
4b	Location of topsoil, OB and mineral reject dumps	No valid proposal for the year 2021-22. Earlier Scheme of mining was valid up to year 2014-15.	One small old waste dump observed in the lease area.	Nil
4c	Number of dumps within lease area and outside of lease area	No valid proposal for the year 2021-22. Earlier Scheme of mining was valid up to year 2014-15.	One small old waste dump observed within lease area.	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposal for the year 2021-22. Earlier Scheme of mining was valid up to year 2014-15.	One small old waste dump lies partially wihtin UPL.	Nil
4e	Number of active and alive dumps.	No valid proposal for the year 2021-22. Earlier Scheme of mining was valid up to year 2014-15.	One	Nil
4f	Number of dead dumps.	No valid proposal for the year 2021-22.	None	Nil

4g	Number of dumps established.	No valid proposal exist for the year 2021-22.	None	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal exist for the year 2021-22.	None during the year.	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal exist for the year 2021-22.	None during the year.	Nil
4j	Number of settling ponds	No proposal exist for the year 2021-22.	None	Nil
4k	Specific comments of inspecting officer on waste dump management			No such 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 valid proposal exist for the year 2021-22.	None	Nil
5b	Area under backfilling of mined out area	No valid proposal exist for the year 2021-22.	None	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposal exist for the year 2021-22.	None	Nil
5d	Total area fully reclaimed and rehabilitated	No valid proposal exist for the year 2021-22.	None during the reporting year.	Nil

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan.
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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).	As per rule 26(2) of MCDR 2017, PMCP report should be submitted before 1st July for the previous financial year.	No PMCP report submitted for the year 2021-22.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018. The earlier Scheme of Mining was valid up to year 2014-15. The current inspection has been carried out for Review of Mining Plan,
6b	Area available for rehabilitation (ha) .	No valid proposal for the year 2021-22.	None duirng the RY 2021-22.	Nil
6c	afforestation done (ha).	No proposal exist for the year 2021-22. Earlier Scheme of Mining was valid up to year2014-15.	None during the year 2021-22.	Nil

6d	No. of saplings planted during the year	No proposal exist for the year 2021-22. Earlier Scheme of Mining was valid up to year2014-15.	None	Nil
6e	Cumulative no .of plants	No proposal exist for the year 2021-22. Earlier Scheme of Mining was valid up to year2014-15.	25 nos. cummulative plantation reported up to year 2021-22, as per approved RMP (Approved on 25.06.2022)	Nil
6f	Any other method of rehabilitation	o such proposal exist of for the year 2021-22.	None	Nil
6g	Cost incurred on watch and care during the year	No valid proposal during the year 2021-22.	Not reported.	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid proposal during the RY 2021-22.	None during the RY 2021-22.	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposal during the RY 2021-22.	None during the RY 2021-22.	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No valid proposal during the RY 2021-22.	None during the RY 2021-22.	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposal during the RY 2021-22.	None during the RY 2021-22.	Nil

6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No valid proposal during the RY 2021-22.	None during the RY 2021-22.	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No valid proposal for the year 2021-22.	None	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No valid proposal for the year 2021-22.	None during the reporting year 2021-22.	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No valid proposal for the year 2021-22.	None during the year 2021-22.	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposal given	Not reported.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid proposal exist for the year 2021-22.	None during the year 2021-22.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid proposal exist for the year 2021-22.	None during the RY 2021-22.	Nil
7c	Different grade of mineral sorted out at mines.	No valid proposal exist for the year 2021-22.	None during the RY 2021-22.	Nil
7d	Any beneficiation process at mines .	No valid proposal exist for the year 2021-22.	None observed.	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No issue observed related to mineral conservation & beneficiation.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposal exist for the year 2021-22. Earlier scheme of mining was valid up to year 2014-15.	None during the RY 2021-22.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018.
8b	Concurrent use or storage of topsoil	No valid proposal exist for the year 2021-22. Earlier scheme of mining was valid up to year 2014-15.	None during the RY 2021-22.	Nil

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid proposal exist for the year 2021-22. Earlier scheme of mining was valid up to year 2014-15.	None during the RY 2021-22.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid proposal exist for the year 2021-22. Earlier scheme of mining was valid up to year 2014-15.	None during the RY 2021-22.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid proposal exist for the year 2021-22. Earlier scheme of mining was valid up to year 2014-15.	None during the RY 2021-22.	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid proposal exist for the year 2021-22. Earlier scheme of mining was valid up to year 2014-15.	None during the RY 2021-22.	Nil
8g	Survival rate	No valid proposal exist for the year 2021-22.	None during the RY 2021-22.	Nil
8h	Water sprinkling on roads to control airborne dust	No valid proposal exist for the year 2021-22.	Not observed.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The general aesthetic beauty in and around mines area is satisfactory.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Annual return submitted up to year 2021-22. Monthly return submitted up to month July 2022.	Annual return 2021-22 submitted on time.	Mine in not working since long time and suspended vide letter dated 29.12.2015 & recommended for lease termination to the State Govt. vide letter 27.08.2018.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No details furnisheed in AR 2021-22.	Mining engineer & geologist appointed w.e.f. 01.05.2022 whereas annual return submitted on 25.04.2022.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details fgiven in AR 2021-22.	Seems corrected	Nil
9d	Scrutiny of Annual return on afforestation	No plantation reported in AR 2021-22.	Seems corrected	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not reported	Seems corrected.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Wollastonite stock reported 26.140 tonnes.	Seems corrected	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Prodcution cost- Nil	No production reported during the year.	Nil
9h	Scrutiny of Annual return on fixed assets	Fixed assets-0	No fixed assets observed.	Nil
9k	Scrutiny of Annual return on mining machineries	No mine machinary details furnished	No mine machineries observed.	Nil

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 :

(D R GURJAR)

Indian Bureau of Mines