

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/JPR- /LST-

**Mine code :** 38RAJ13006

- (i) Name of the Inspecting : **DJ03** ) **DILIP JAIN**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri Shankar Lal Agrawal, MD, Sri Govind Singh Naruka,  
Official with  
Designation
- (iv) Date of Inspection : 19-APR-22
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **PAWANA**
- (b) **Registration NO.** : **IBM/5530/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : RAJASTHAN  
District : JAIPUR  
Village : PAWANA  
Taluka :  
Post office :  
Pin Code :  
FAX No. : 01574230044  
E-mail : nla\_ironore@yahoo.com  
Phone : 9314444440
- (f) Police Station : Kotputli
- (g) First opening date : 03-FEB-76
- (h) Weekly day of rest : SUN
2. Address for : M/s Nandlal Agarwal & Sons  
correspondance : 230, Nemi Sagar Colony, Vaishali Nagar  
Jaipur-302021
3. (a) Lease Number : RAJ0011
- (b) Lease area : 32.37
- (c) Period of lease : 50
- (d) Date of Expiry : 02-DEC-26
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : NAND LAL AGRAWAL  
 PO -MAONDA(R-S) SIKAR  
 SIKAR RAJASTHAN  
 Phone:  
 FAX :

Owner : Sri Shankar Lal Agrawal, Managing director  
 230, Nemi Sagar Colony,  
 Vaishali Nagar, Jaipur,  
 Rajastah-302021. JAIPUR  
 RAJASTHAN  
 Phone: 9314444440  
 FAX :

## Mining Engineer

Name : Govind Singh, Full Time  
 Qualification : B.E. Mining  
 Appointment/ : 11-APR-22  
 Termination date

## Geologist

Name : S.K. Srivastva, Full Time  
 Qualification : M.Sc. geology  
 Appointment/ : 11-APR-22  
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	25-SEP-90
Plan/Scheme of Mining	:	Renewal under rule 24 MCR1960	10-DEC-09
	:	MP modif under MCR 1960	12-JUL-16

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal of exploration for previous year i.e. 2020-21.	No exploration.	NIL.
1b	Exploration over lease area for geological axis 1 or 2	No approved proposal for the reporting year (RY) 2021-22 as Modified Mining plan approved on 12/07/2016 has proposals for the period 2015-16 to 2019-20.	No exploratory work has been reported for the RY.	NIL.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable as no approved proposal for reporting year.	No exploratory work during reporting year.	NIL.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved proposal for the reporting year.	Not applicable.	NIL.
1e	Balance reserve as on 01/04/20	As per approved document dated 12/07/2016, the position of reserve and resource was 1988240 and 472500 tons respectively.	The position of reserve and resource as on 01/04/2021 was 1987240 and 472500 tons respectively.	Total depletion 1000 tons from 2015-16 to 2019-20. No production during 2020-21 to 2021-22.
1f	General remarks of inspecting officers on geology, exploration etc	No approved proposal for the reporting year.	Not applicable.	The lease area is yet to explore as per MEMC rule 2015.

## Development :

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

2a	Location of development w.r.t.lease area	No approved proposal for the reporting year 2021-22.	NIL as no production/mining operation during reporting year.	NIL.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
2c	Stripping ratio or ore to OB ratio	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
2d	Quantity of topsoil generation in m3	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
2e	Quantity of overburden generation in m3	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	No developmental activity has been reported.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal.	NIL.
3b	Quantity of ROM mineral production proposed	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
3c	Recovery of sailable/usable mineral from ROM production	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
3d	Quantity of mineral reject generation	No approved proposal for the reporting year.	Not applicable as no production.	NIL.
3e	Grade of mineral rejects generation and threshold value declared.	No approved proposal for the reporting year.	Not applicable as no production.	NIL.

3f	Quantity of sub grade mineral generation.	No approved proposal for the reporting year.	Not applicable as no production.	NIL.
3g	Grade of sub grade mineral generation	No approved proposal for the reporting year.	Not applicable as no production.	NIL.
3h	Manual / Mechanised method adopted for segregating from ROM	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No approved proposal for the reporting year.	Not applicable as no approved proposal.	NIL.
3j	Provision of drilling and blasting in mineral benches	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
3k	Provision of mining machineries in mineral benches	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No approved proposal for the reporting year.	Not applicable as no approved proposal.	NIL.
3m	Total area covered under excavation/pits	No approved proposal for the reporting year.	Around 2.2 hectare.	NIL.
3n	Ore to OB ratio for the pit/mine during the year.	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
3o	Total area put in use under different heads at the end of year	No approved proposal for the reporting year.	Around 2.40 hectare area.	NIL.

3p	Production of ROM mineral during the last five year period as applicable	2017-18: 107560 2018-19: 115330 2019-20: 112920 2020-21: No approved proposal. 2021-22: No approved proposal.	2017-18: NIL 2018-19: 120.00 2019-20: 880.00 2020-21: NIL. 2021-22: NIL.	NIL.
3q	General remarks of inspecting officers on method of mining etc.	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal.	Opencast method of mining was adopted of mineral extraction

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No approved proposal for the reporting year 2021-22.	NIL as no approved proposals for the reporting year.	NIL.
4b	Location of topsoil, OB and mineral reject dumps	No approved proposal for the reporting year 2021-22.	NIL as no approved proposals for the reporting year.	NIL.
4c	Number of dumps within lease area and outside of lease area	No approved proposal for the reporting year 2021-22.	Two waste dumps within lease area.	NIL.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No approved proposal for the reporting year 2021-22.	Existing dumps outside UPL.	NIL.
4e	Number of active and alive dumps.	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
4f	Number of dead dumps.	No approved proposal for the reporting year 2021-22.	NIL as no approved proposals.	NIL.
4g	Number of dumps established.	No approved proposal for the reporting year 2021-22.	NIL as no approved proposals.	NIL.

4h	Whether Retaining wall or garland drain all along dumps are there.	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal.	NIL.
4i	Length of Retaining wall or garland drain all along dumps	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal.	NIL.
4j	Number of settling ponds	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
4k	Specific comments of inspecting officer on waste dump management	No approved proposal for the reporting year 2021-22.	Not applicable.	Waste generation has not been reported during reporting year.

#### 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 approved proposal for the reporting year 2021-22.	NIL as no area matured.	NIL.
5b	Area under backfilling of mined out area	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal.	NIL.
5d	Total area fully reclaimed and rehabilitated	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal.	None of the area 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).	As per rule 26 of MCDR, 2017 holder of mining lease shall submit PMCP before 1st day of July every year.	Not applicable as no approved proposal of mine closure plan.	NIL.
6b	Area available for rehabilitation (ha) .	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal of mine closure plan.	NIL.
6c	afforestation done (ha).	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
6d	No. of saplings planted during the year	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
6e	Cumulative no .of plants	No approved proposal for the reporting year 2021-22.	Information not provided on cumulative number of plants.	NIL.
6f	Any other method of rehabilitation	No approved proposal for the reporting year 2021-22.	No rehabilitation work during reporting year.	NIL.
6g	Cost incurred on watch and care during the year	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No approved proposal for the reporting year 2021-22.	NIL as no area matured for backfilling.	NIL.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No approved proposal for the reporting year 2021-22.	NIL as no area matured for backfilling.	NIL.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No approved proposal for the reporting year 2021-22.	NIL as no area matured for backfilling.	NIL.

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No approved proposal for the reporting year 2021-22.	NIL.	NIL.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No approved proposal for the reporting year 2021-22.	No afforestation during reporting year.	NIL.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No approved proposal for the reporting year 2021-22.	No afforestation during reporting year.	NIL.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No approved proposal for the reporting year 2021-22.	No afforestation during reporting year.	NIL.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No approved proposal for the reporting year 2021-22.	NIL as no production/mining operation during reporting year.	NIL.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No approved proposal for the reporting year 2021-22.	Not applicable as no approved proposal of mine closure plan.	NIL.

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved proposal for the reporting year 2021-22.	Not applicable as no production/mining operation during reporting year.	NIL.

---

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved proposal for the reporting year 2021-22.	Not applicable as no production/mining operation during reporting year.	NIL.
7c	Different grade of mineral sorted out at mines.	No approved proposal for the reporting year 2021-22.	Not applicable as no production/mining operation during reporting year.	NIL.
7d	Any beneficiation process at mines .	No approved proposal for the reporting year 2021-22.	Not applicable as no production/mining operation during reporting year.	NIL.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No approved proposal for the reporting year 2021-22.	Not applicable as no production/mining operation during reporting year.	No comment as no mining operation during reporting year.

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved proposal for the reporting year 2021-22.	NIL as no production/mining operation during reporting year.	NIL.
8b	Concurrent use or storage of topsoil	No approved proposal for the reporting year.	NIL.	NIL.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No approved proposal for the reporting year.	NIL as no production/mining operation during reporting year.	NIL.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved proposal for the reporting year.	NIL.	NIL.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No approved proposal for the reporting year.	No afforestation during reporting year.	NIL.
8g	Survival rate	No approved proposal for the reporting year.	NIL as no planation work.	NIL.
8h	Water sprinkling on roads to control airborne dust	No approved proposal for the reporting year.	Water sprinkling was not observed as no mining operation.	NIL.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No approved proposal for the reporting year 2021-22.	Not applicable as no production/mining operation during reporting year.	The aesthetic beauty around the mine is satisfactory.

---

#### 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, monthly and annual returns to be submitted.	Monthly returns for RY have been submitted. Annual return is not yet due for submission.	NIL.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for the year 2021-22 is not yet due for submission.	Mining engineer and geologist has been appointed.	NIL.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return for the year 2021-22 is not yet due for submission.	Not applicable as annual return has not yet been submitted.	NIL.

---

9d	Scrutiny of Annual return on afforestation	Annual return for the year 2021-22 is not yet due for submission.	Not applicable as annual return has not yet been submitted.	NIL.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual return for the year 2021-22 is not yet due for submission.	Not applicable as annual return has not yet been submitted.	NIL.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return for the year 2021-22 is not yet due for submission.	Not applicable as annual return has not yet been submitted.	NIL.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual return for the year 2021-22 is not yet due for submission.	Not applicable as annual return has not yet been submitted.	NIL.
9h	Scrutiny of Annual return on fixed assets	Annual return for the year 2021-22 is not yet due for submission.	Not applicable as annual return has not yet been submitted.	NIL.
9k	Scrutiny of Annual return on mining machineries	Annual return for the year 2021-22 is not yet due for submission.	Not applicable as annual return has not yet been submitted.	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 33	01-JUN-22	02-AUG-22			

**Date :****(DILIP JAIN)**

Indian Bureau of Mines