

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/JPR-63/Fe-8

**Mine code :** 30RAJ13005

- (i) Name of the Inspecting : **S012** ) **Sharma H.C.**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sri Shankar lal Agarwal, Signing Authority ad Partner  
Official with  
Designation
- (iv) Date of Inspection : 24-FEB-20
- (v) Prev.inspection date : 11-JUL-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MORIJA NEW**
- (b) **Registration NO.** : **IBM/5530/2011**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :  
State : RAJASTHAN  
District : JAIPUR  
Village : MORIJA  
Taluka :  
Post office : MORIJA  
Pin Code :  
FAX No. : 01574230044  
E-mail : nla\_ironore@yahoo.com  
Phone : 9314444440
- (f) Police Station : Chomu
- (g) First opening date : 17-FEB-79
- (h) Weekly day of rest : SUN
2. Address for : M/s Nandlal Agarwal & Sons  
correspondance PO- Maonda, Tehsil- Neem Ka Thana  
District Sikar
3. (a) Lease Number : RAJ0028
- (b) Lease area : 24.38
- (c) Period of lease : 50
- (d) Date of Expiry : 16-JAN-29
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : M/s Nand Lal Agarwal & Sons  
 Maonda , Tah-Neem Ka Thana  
 Sikar SIKAR RAJASTHAN  
 Phone:01574-230044  
 FAX :

Owner : M/s Nandlal Agarwal & Sons  
 PO- Maonda Tehsil- Neem Ka  
 Thana Sikar SIKAR RAJASTHAN  
 Phone: 01574230044  
 FAX :

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	04-APR-01
Plan/Scheme of Mining		Existing rule 11 MCDR1988	20-OCT-04
		Mining Scheme rule 12 MCDR1988	17-APR-12
		MP review under 17(1) MCR 2016	15-MAR-17

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	During the year 2017-18, a total of 05 Bh have been proposed.	NIL. Mining operation has been suspended in the lease area for violation of rule 11(1),(3)&(4) and 27(2) vide letter dated 07/06/2018.	
1b	Exploration over lease area for geological axis 1 or 2	No valid proposal for the year 2018-19 as conditionally approved Review of Mining Plan (RMP) approved on 15/03/2017 for the period 2017-18 to 2021-22 has been withdrawn vide letter dated 24/07/2017 for non-compliance of condition of approval letter dated 15/03/2017 regarding Financial assurance.	NIL as Mining operation has been suspended and no valid proposal for the year 2018-19.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid proposal as review of mining plan has been withdrawn.	NIL as Mining operation has been suspended and no valid proposal for the year 2018-19.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid proposal as review of mining plan has been withdrawn.	NIL as Mining operation has been suspended and no valid proposal for the year 2018-19.	

1e	Balance reserve as on 01/04/20	As per approved RMP dated 15/03/2019, the position of reserve and resource was 7.40 and 0.77 million tonnes respectively.	The position of reserved and resource as on 01/04/2019 is 7.40 and 0.77 million tonnes respectively. During the year 2017-18, a total 250 tonnes of production has been reported.
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	The mining operations were suspended on 7/6/2018. Thus the proposed exploration could not be done.

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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid proposal for the year 2018-19 as conditionally approved Review of Mining Plan (RMP) approved on 15/03/2017 for the period 2017-18 to 2021-22 has been withdrawn vide letter dated 24/07/2017 for non-compliance of condition of approval letter dated 15/03/2017 regarding Financial assurance.	NIL as Mining operation has been suspended and no valid proposal for the year 2018-19.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid proposal for the year 2018-19 as review of mining plan has been withdrawn.	Not applicable	
2c	Stripping ratio or ore to OB ratio	No valid proposal for 2018-19	Not applicable	

2d	Quantity of topsoil generation in m3	No valid proposal for 2018-19	Not applicable
2e	Quantity of overburden generation in m3	No valid proposal for 2018-19	Not applicable
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable	No valid proposal for the year 2018-19 as review of mining plan has been withdrawn, there fore the mine could not be developed as per approved review of mining plan.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid proposal for the year 2018-19 as conditionally approved Review of Mining Plan (RMP) approved on 15/03/2017 for the period 2017-18 to 2021-22 has been withdrawn vide letter dated 24/07/2017 for non-compliance of condition of approval letter dated 15/03/2017 regarding Financial assurance.	Not applicable	
3b	Quantity of ROM mineral production proposed	No valid proposal for 2018-19	Not applicable	
3c	Recovery of sailable/usable mineral from ROM production	No valid proposal for 2018-19	Not applicable	
3d	Quantity of mineral reject generation	No valid proposal for 2018-19	Not applicable	

3e	Grade of mineral rejects generation and threshold value declared.	No valid proposal	Not applicable
3f	Quantity of sub grade mineral generation.	No valid proposal for 2018-19	Not applicable
3g	Grade of sub grade mineral generation	No valid proposal for 2018-19	Not applicable
3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposal for 2018-19	Not applicable
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid proposal for 2018-19	Not applicable
3j	Provision of drilling and blasting in mineral benches	No valid proposal for 2018-19	Not applicable
3k	Provision of mining machineries in mineral benches	No valid proposal for 2018-19	Not applicable
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposal for 2018-19	Not applicable
3m	Total area covered under excavation/pits	No valid proposal for 2018-19	Not applicable
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposal for 2018-19	Not applicable
3o	Total area put in use under different heads at the end of year	No valid proposal for 2018-19	Not applicable

3p	Production of ROM mineral during the last five year period as applicable	2013-14- 89880, 2014- 15- 90000, 2015-16- 90000, 2016- 17- 90000, 2017-18- 103790	2013-14- NIL, 2014-15- NIL, 2015-16- 400T, 2016-17- 600.00, 2017- 18- 250.00, 2018-19: NIL
3q	General remarks of inspecting officers on method of mining etc.	Not applicable	The mine had been worked by opencast mining method in the past, now the mine is under suspension since 7/6/2018.

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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 2018-19 as conditionally approved Review of Mining Plan (RMP) approved on 15/03/2017 for the period 2017-18 to 2021-22 has been withdrawn vide letter dated 24/07/2017 for non-compliance of condition of approval letter dated 15/03/2017 regarding Financial assurance.	NIL as Mining operation has been suspended and no valid proposal for the year 2018-19.	
4b	Location of topsoil, OB and mineral reject dumps	No valid proposal for the year 2018-19	Not applicable	

4c	Number of dumps within lease area and outside of lease area	Two small scattered old waste dumps have been observed with lease area. No dumping outside lease area.	No fresh dumping has been observed. Two small scattered waste dumps have been observed with lease area. No dumping outside lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposal for the year 2018-19 as review of mining plan has been withdrawn.	Not applicable as no valid proposal for year 2018-19 for the reason that RMP has been withdrawn.
4e	Number of active and alive dumps.	None	Nil
4f	Number of dead dumps.	Two small old scattered waste dumps were observed within lease area. No valid proposal for 2018-19.	Not applicable
4g	Number of dumps established.	No valid proposal for 2018-19	Not applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposal for 2018-19	Not applicable
4i	Length of Retaining wall or garland drain all along dumps	No valid proposal for 2018-19	Not applicable
4j	Number of settling ponds	No valid proposal for 2018-19	Not applicable
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The mining operations were suspended since 17/06/2018, No fresh excavation, also fresh dumping over old dumps were observed.

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Solid Waste Management - Backfilling:

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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 valid proposal for the year 2018-19 as conditionally approved Review of Mining Plan (RMP) approved on 15/03/2017 for the period 2017-18 to 2021-22 has been withdrawn vide letter dated 24/07/2017 for non-compliance of condition of approval letter dated 15/03/2017 regarding Financial assurance.	Nil
5b	Area under backfilling of mined out area	No valid proposal for 2018-19	Not applicable
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposal for 2018-19	Not applicable
5d	Total area fully reclaimed and rehabilitated	No valid proposal for 2018-19	Not applicable
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	There is no matured area available for backfilling & reclamation, also the mining operations were suspended since 07/06/2018

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Progressive Mine Clousre Plan:

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Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes as per rule 26(2) of MCDR 2017 every lessee is required submit to the RCOM, before 1 july each year.	Report for the year 2018-19 has not been submitted for the reason that Mining operation has been suspended in lease area and approved RMP has been withdrawn.
6b	Area available for rehabilitation (ha) .	No valid proposal for 2018-19	Not applicable
6c	afforestation done (ha).	No valid proposal for 2018-19	Not applicable
6d	No. of saplings planted during the year	No valid proposal for 2018-19	Not applicable
6e	Cumulative no .of plants	No valid proposal for 2018-19	Not applicable
6f	Any other method of rehabilitation	No valid proposal for 2018-19	Not applicable
6g	Cost incurred on watch and care during the year	No valid proposal for 2018-19	Not applicable
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No valid proposal for 2018-19	Not applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposal for 2018-19	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid proposal for 2018-19	Not applicable

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposal for 2018-19	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No valid proposal for 2018-19	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No valid proposal for 2018-19	Not applicable
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No valid proposal for 2018-19	Not applicable
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No valid proposal for 2018-19	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	AS per EC of MOEF & SPCB conditions.	No records were available in this suspended mine at the time of Inspection.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable	The implementation of proposal of PMCP could not be implemented due to withdrawal of Review of Mining Plan & suspension of work in the mine due violation of rule 11 (1), 11 (3), 11 (4) and 27 (2) of MCDR 2017 dated 07/06/2018..

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Mineral Conservation:

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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 for the year 2018-19 as conditionally approved Review of Mining Plan (RMP) approved on 15/03/2017 for the period 2017-18 to 2021-22 has been withdrawn vide letter dated 24/07/2017 for non-compliance of condition of approval letter dated 15/03/2017 regarding Financial assurance.	NIL quantity despatched as Mining operation has been suspended on 07/06/2018 and no valid proposal for the year 2018-19.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid proposal for 2018-19	Not applicable
7c	Different grade of mineral sorted out at mines.	No valid proposal for 2018-19	Not applicable
7d	Any beneficiation process at mines	No valid proposal for 2018-19	Not applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	There is no loss of mineral in suspended mine since 7/6/2018, also there were no valid proposal for 2018-19. hence there is no issue regarding mineral conservation in the mine.

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Environment:

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Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposal for the year 2018-19 as conditionally approved Review of Mining Plan (RMP) approved on 15/03/2017 for the period 2017-18 to 2021-22 has been withdrawn vide letter dated 24/07/2017 for non-compliance of condition of approval letter dated 15/03/2017 regarding Financial assurance.	NIL as Mining operation has been suspended and no valid proposal for the year 2018-19.
8b	Concurrent use or storage of topsoil	No valid proposal for 2018-19	Not applicable
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid proposal for 2018-19	Not applicable
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid proposal for 2018-19	Not applicable
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid proposal for 2018-19	Not applicable

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid proposal for 2018-19	Not applicable
8g	Survival rate	No valid proposal for 2018-19	Not applicable
8h	Water sprinkling on roads to control airborne dust	No valid proposal for 2018-19 & mine was suspended since 7/6/2018.	Not applicable
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable	The general aesthetic beauty in & around the mine was good as naturally calm & fresh air was prevailing. NO human interference noticed in this suspended mine.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not applicable	1. The monthly return reporting Nil production in the mine had been submitted since october 2017, The Monthly return submitted up to February 2020. 2. The annual return of the mine for the year 2018-19 had been submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information of Mining Engineer, Geologist and Manager has not been furnished.	Mining operations have been suspended vide letter dated 07/06/2018.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	A total of 7.645 Ha area has been furnished under different head.	Appears to correct as matching with approved document.	

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9d	Scrutiny of Annual return on afforestation	A total of 150 no of plants stated as planted within lease area & out of it 60 plants stated as survived.	The area is having good number of trees planted as the 16.4935 of lease area is diversified forest land.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mineral Reject generation: NIL.	NO reject generated in suspended mine.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM stock: 10666.989 tonnes.	It appears correct.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production and sale value: had been stated as NIL. The Ex Mine piice: given as Rs. 300 per tonne	The information furnished appears to be correct, as only RS. 312469 had been stated to be expensed as dead rent, No other expenses stated also the production stated as NIL.
9h	Scrutiny of Annual return on fixed assets	Rs. 182133/- stated as Fixed assets with nil depriciation. No other expenses stated.	It is Found to be O. K.
9k	Scrutiny of Annual return on mining machineries	No information has been furnished in respect of the mining machinery.	A stationary crusher has been observed in ruined conditions.

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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