

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/PAL-47/MAG-3

**Mine code :** 39RAJ21003

- (i) Name of the Inspecting : **DJ03** ) **DILIP JAIN**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sh. Manish gahlot S/o Sher Singh Gehlot, Sh. Shailend  
Official with  
Designation
- (iv) Date of Inspection : 19-JUL-22
- (v) Prev.inspection date : 27-JUN-18

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KHIVANDI**
- (b) **Registration NO.** : **IBM/9475/2012**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address  
State : RAJASTHAN  
District : PALI  
Village : KHIVANDI  
Taluka : BALI  
Post office : KHIVANDI  
Pin Code :  
FAX No. : 9414883219  
E-mail : manishgehlot789@gmail.com  
Phone : 09426175839, 09879479024
- (f) Police Station : SANDERAO
- (g) First opening date : 03-DEC-98
- (h) Weekly day of rest : SUN
2. Address for : Sh Sher Singh Gahlot  
correspondance : Shakti Transport, Jawai Bandh Road  
Post: Sumerpur Dist: Pali (RAJ)-306902
3. (a) Lease Number : RAJ1764
- (b) Lease area : 5
- (c) Period of lease : 20
- (d) Date of Expiry : 02-DEC-18
4. Mineral worked : MAGNESITE Main

## 5. Name and Address of the

Lessee : Sri Sher Sing Gehlot  
 New Mahaveer Colony,  
 Station Road, Jawai Bandh  
 Road, Sumerpur, PALI  
 RAJASTHAN  
 Phone:9784490899  
 FAX :

Owner : Sher Singh Gehlot S/o Sh. Anand Singh Gehlot  
 Add.: Jawai Bandh Road  
 Sumerpur - Distt. Pali,  
 Raj. PALI RAJASTHAN  
 Phone: +91 97844 90899  
 FAX :

## Mining Engineer

Name : Rajpal Vajubhai Mori, Full Time  
 Qualification : BE Mining  
 Appointment/ : 01-JUL-22  
 Termination date

## Geologist

Name : Shailendra Kumar Soni, Full Time  
 Qualification : M.Sc. Geology  
 Appointment/ : 21-JUN-22  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	06-NOV-98
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	22-NOV-05
		Mining Scheme rule 12 MCDR1988	19-MAR-15

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No approved 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 Scheme of Mining approved on 19/03/2015 has proposals for the period 2014-15 to 2018-19.	No exploratory work 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 19/03/2015, the position of reserve and resource was 5973 and 3936 tons respectively.	The position of reserve and resource as on 01/04/2021 was 5973 and 3936 tons respectively.	No depletion during the plan period.
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. Mining operations have been suspend in lease area vide order dated 27/01/2012 for violation of rule 45(5) (a) (b) of MCDR, 1988.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No approved proposal for the reporting year (RY) 2021-22.	Not applicable as no approved proposal.	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 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.	Not applicable as no approved proposal.	No developmental activity has been reported. Mining operations have been suspend in lease area vide order dated 27/01/2012 for violation of rule 45(5) (a) (b) of MCDR, 1988.

## 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.	Not applicable.	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.	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.	Not applicable.	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 2.20 hectare.	NIL.
3n	Ore to OB ratio for the pit/mine during the year.	No approved proposal for the reporting year.	Not applicable as no approved proposal.	NIL.

3o	Total area put in use under different heads at the end of year	No approved proposal for the reporting year.	Around 0.84 hectare area.	NIL.
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 3360 tons. 2018-19: No approved proposal. 2019-20: No approved proposal. 2020-21: No approved proposal. 2021-22: No approved p[proposal.	2017-18: NIL 2018-19: NIL 2019-20: NIL. 2020-21: NIL. 2021-22: NIL.	Mining operations have been suspend in lease area vide order dated 27/01/2012 for violation of rule 45(5) (a) (b) of MCDR, 1988.
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.	Mininjg operations are under sususpension vide order dated .....

#### 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.	Not applicable as no mining activity during reporting year.	NIL.
4b	Location of topsoil, OB and mineral reject dumps	No approved proposal for the reporting year 2021-22.	Not applicable as no mining activity during reporting year.	NIL.
4c	Number of dumps within lease area and outside of lease area	No approved proposal for the reporting year 2021-22.	Not applicable as no mining activity during reporting year.	Total of five waste dumps within lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No approved proposal for the reporting year 2021-22.	Not applicable as no mining activity during reporting year.	NIL.
4e	Number of active and alive dumps.	No approved proposal for the reporting year 2021-22.	NIL during RY.	NIL.
4f	Number of dead dumps.	No approved proposal for the reporting year 2021-22.	NIL during RY.	NIL.

4g	Number of dumps established.	No approved proposal for the reporting year 2021-22.	NIL during RY.	NIL.
4h	Whether Retaining wall or garland drain all along dumps are there.	No approved proposal for the reporting year 2021-22.	NIL during RY.	NIL.
4i	Length of Retaining wall or garland drain all along dumps	No approved proposal for the reporting year 2021-22.	NIL during RY.	NIL.
4j	Number of settling ponds	No approved proposal for the reporting year 2021-22.	NIL during RY.	NIL.
4k	Specific comments of inspecting officer on waste dump management	No approved proposal for the reporting year 2021-22.	Not applicable.	Mining operations have been suspend in lease area vide order dated 27/01/2012 for violation of rule 45(5) (a) (b) of MCDR, 1988.

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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.
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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 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.	No work related to afforestation during reporting year.	NIL.
6d	No. of saplings planted during the year	No approved proposal for the reporting year 2021-22.	No work related to afforestation during reporting year.	NIL.
6e	Cumulative no .of plants	No approved proposal for the reporting year 2021-22.	NIL.	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 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.	Mining operations have been suspend in lease area vide order dated 27/01/2012 for violation of rule 45(5) (a) (b) of MCDR, 1988.
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#### 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 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 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 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 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 mining operation during reporting year.	No comment as no mining operation during reporting year and Mining operations have been suspend in lease area vide order dated 27/01/2012 for violation of rule 45(5) (a) (b) of MCDR, 1988.

#### 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.	Not applicable as no mining operation during reporting year.	NIL.

8b	Concurrent use or storage of topsoil	No approved proposal for the reporting year 2021-22.	Not applicable as no mining operation during reporting year.	NIL.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved proposal for the reporting year 2021-22.	Not applicable as no 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 2021-22.	Not applicable as no proposal.	NIL.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved proposal for the reporting year 2021-22.	Not applicable as no proposal.	NIL.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No approved proposal for the reporting year 2021-22.	No work related to afforestation during reporting year.	NIL.
8g	Survival rate	No approved proposal for the reporting year 2021-22.	Not applicable as no proposal.	NIL.
8h	Water sprinkling on roads to control airborne dust	No approved proposal for the reporting year 2021-22.	Not applicable as no proposal.	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 proposal.	No comment as no mining operation during reporting year and Mining operations have been suspend in lease area vide order dated 27/01/2012 for violation of rule 45(5) (a) (b) of MCDR, 1988.

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## 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 and annual returns for RY have been submitted.	NIL.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information not submitted.	Mining engineer and Geologist appointed after March 22.	No mining activity during RY.
9d	Scrutiny of Annual return on afforestation	No information.	No afforestation during RY.	No mining activity during RY.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL.	No mineral Reject generation.	No mining activity during RY.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: 30 tons.	Appears to be in order.	No mining activity during RY.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL.	No information as no mineral dispatch.	No mining activity during RY.
9h	Scrutiny of Annual return on fixed assets	NIL.	Found in order.	No mining activity during RY.
9k	Scrutiny of Annual return on mining machineries	NIL.	Found in order.	No mining activity during RY.

**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

**Date :**

**(DILIP JAIN)**

Indian Bureau of Mines