

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/.JSL-34/SE-20

Mine code : 97RAJ14018

- (i) Name of the Inspecting : **G021**) **D R GURJAR**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Ramswaroop Meghwal, Owner
Official with
Designation
- (iv) Date of Inspection : 05-MAR-20
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SAJIT(161/2013)**
- (b) **Registration NO.** : **IBM/19004/2014**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
- State : RAJASTHAN
- District : JAISALMER
- Village : Sajit
- Taluka : Fatehgarh
- Post office :
- Pin Code :
- FAX No. : 9461105290
- E-mail : ramswaroop1978m@gmail.com
- Phone : 9461105290
- (f) Police Station : Fatehgarh
- (g) First opening date : 09-JAN-17
- (h) Weekly day of rest : SUN
2. Address for : 359, Gotan
correspondance Tehsil Merta, District-Nagaour
Pin 341510
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : SILICEOUS EARTH Main

5. Name and Address of the

Lessee : RAM SWAROOP MEGHWAL
359, GOTAN, TEHSIL MERTA
NAGAUJ RAJASTHAN
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	During the first year of approved mining plan i.e. during the year 2016-17, exploration was proposed by digging 03 trial pits.	Exploration has not been carried out.	Violation of Rule 11(1) of MCDR 2017 issued vide this office letter dated 28.04.2020.
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposed during the year 2018-19.	None	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No such proposal given in approved mining plan.	None	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	No such proposal given in the approved mining plan(approved on 03.03.2015)	None	Bifurcation of lease area under various geological axis has not been given.
1e	Balance reserve as on 01/04/20	The reserve given in approved mining plan 121-50070 T	The reserve as on 01.04.2019 121- 44237.2 T	Depletion of 5832.8 tonne production during the year 2017-18 & 2018-19 as reported in the returns.
1f	General remarks of inspecting officers on geology, exploration etc			Exploration proposed during the first year of mining plan i.e. during the year 2016-17 was proposed by digging of three trail pits, which has not been carried out hence violation of rule 11(1) of MCDR 2017 issued vide this office letter dated 28.04.2020.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Mine development was proposed in Northern Side of the lease area.	Mine development was observed in the central part of the lease area.	Violation of Rule 11(1) of MCDR 2017 issued to the lessee for not carried out the mine development as per approved proposal.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No top soil bench proposed, benches proposed in OB & minerals.	Benches developed in OB & Mineral.	Howevare bench height & width have not been maintained as per approved proposal hence violation of rule 11(1) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020.
2c	Stripping ratio or ore to OB ratio	1:0.33 (2018-19)	Not reported	OB generation figure not available as lessee has bot been submitted Annual Return 2018-19 till date hence violation of rule 45(5)(c) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020.
2d	Quantity of topsoil generation in m3	No proposal	Not generated.	Nil
2e	Quantity of overburden generation in m3	During the III year i.e. 2018-19 total 3080 cubic meter OB generation proposed.	Not reported	OB generation figure not available as lessee has bot been submitted Annual Return 2018-19 till date hence violation of rule 45(5)(c) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020..

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Violation of Rule 11(1) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020 for not carried out the mine development as per approved proposal and not maintaining bench height & width as per approved proposal.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	Nil
3b	Quantity of ROM mineral production proposed	2018-19: 9240 T	2018-19: 1191 T	As reported in monthly returns for the year 2018-19.
3c	Recovery of sailable/usable mineral from ROM production	90%	Almost 100%	Nil
3d	Quantity of mineral reject generation	2018-19: 924 T	No mineral reject observed.	However annual return for the year 2018-19 has not been submitted by the lessee hence violation of rule 45(5)(c) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020.
3e	Grade of mineral rejects generation and threshold value declared.	The siliceous earth having more iron content will be considered as mineral reject.	Not reported.	Annual return for the year 2018-19 has not been submitted by the lessee hence violation of rule 45(5)(c) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020.

3f	Quantity of sub grade mineral generation.	No subgrade mineral generation proposed.	None	Nil
3g	Grade of sub grade mineral generation	No subgrade mineral generation proposal	Not applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal given	None	Nil
3j	Provision of drilling and blasting in mineral benches	No proposal of drilling & blasting	No drilling & blasting was observed.	Nil
3k	Provision of mining machineries in mineral benches	Excavator & trucks	As per proposals.	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Bench height & width have not been maintained as per approved proposal	Violation of rule 11(1) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020.
3m	Total area covered under excavation/pits	At the end of year 2019-20 total area under mining will be covered 1.642 hect.	Approximately 1 hect. area has been covered under mining.	However AR 2018-19 has not been submitted by the lessee.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.33 (2018-19)	Not reported	OB generation figure not available as lessee has not been submitted Annual Return 2018-19 till date hence violation of rule 45(5)(c) of MCDR 2017 issued to the lessee vide this office letter dated 28.04.2020.

3o	Total area put in use under different heads at the end of year	At the end of mining plan period i.e. up to year 2019-20 total 1.9312 hect. area will be covered under different heads.	Approximately 1.5 hect. area have been covered under mining & mineral storage.	However AR 2018-19 has not been submitted by the lessee hence exact data are not available.
3p	Production of ROM mineral during the last five year period as applicable	I Year 2016-17- 8910 T, II Year 2017-18- 8910 T, III Year 2018-19- 9240 T, IV Year 2019-20 - 9000 T	I Year 2016-17- 0 T, II Year 2017-18- 4641.835 T, III Year 2018-19- 1191 T,(As per Monthly returns) IV Year 2019-20 - 0 T(As per monthly retrurns submitted up to July 2019)	This is new mine and mining lease was registered on 09.01.2017 hence year 2016-17 has been considered as first year of approved 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 top soil proposal. Separate dumping of mineral reject was proposed & OB is being used for simultaneously back filling.	No top soil generated. Mineral reject not reported nor observed. OB-simultaneously used for backfilling.	Nil
4b	Location of topsoil, OB and mineral reject dumps	Topsoil- No proposal, Mineral Reject- Near Boundary pillar D, OB-Will be used simultaneously for backfilling.	Topsoil- Not generated Mineral Reject-Not observed OB-Used simultaneously for backfilling.	Nil
4c	Number of dumps within lease area and outside of lease area	One for screen reject	No dumps wqas observed, however siliceous mineral was spread nearby working pit to remove moisture content.	siliceous mineral was spread nearby working pit to remove moisture content.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside of UPL	None	Nil

4e	Number of active and alive dumps.	One	None	Nil
4f	Number of dead dumps.	No proposal	None	Nil
4g	Number of dumps established.	No such proposal given	None	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No such proposal given	Not applicable	Nil
4i	Length of Retaining wall or garland drain all along dumps	No such proposal given	Not applicable	Nil
4j	Number of settling ponds	No proposal	None	Nil
4k	Specific comments of inspecting officer on waste dump management			No waste dump observed in the lease area, hence no issue 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.	Backfilling is proposed in mined out area after sfter full extraction of mineral.	Backfilling is being carried out after full extraction of mineral.	Nil
5b	Area under backfilling of mined out area	It is proposed that approximately 0.3 hect area will be backfilled at the end of III year(2018-19).	Approximetically 0.3 area has been backfilled at the end of year 2018-19.	However PMCP report for the year 2018-19 has not been submitted by the lessee, hence violation of Rule 26(2) of MCDR 2017 issued vide this office letter dated 28.04.2020.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No top soil generation proposed.	No top soil was observed.	Nil

5d	Total area fully reclaimed and rehabilitated	It is proposed that at the end of year 2018-19 total 0.3 hect. area will be backfilled.	Approximately same area has been backfilled.	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Simultaneously backfilling has been carried out.

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 shall be submitted up to 1st July for the previous financial year.	PMCP report for the year 2018-19 has not been submitted by the lessee.	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020..
6b	Area available for rehabilitation (ha) .	No such proposal given	None	Nil
6c	afforestation done (ha).	0.075 ha. area.	Not reported	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.
6d	No. of saplings planted during the year	25 nos.	Not reported	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.
6e	Cumulative no .of plants	At the end of year 2018-19 total sapling proposed 75 nos.	Not reported	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.

6f	Any other method of rehabilitation	No proposal	None	Nil
6g	Cost incurred on watch and care during the year	Not specified in the approved mining plan.	Not reported	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	No such proposal given in approved document.	Not reported.	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	It is proposed that at the end of year 2018-19 total 0.3 hect. area will be backfilled.	Approximately 0.3 hect area has been backfilled. However PMCP report has not been submitted by the lessee.	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	None	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	None	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	None	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	25 nos. sapling planted over an area of 75 sqm.	Not reported	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.075 ha area	Not reported	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation	Plantation	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.			Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal of gradewise sorting.	All rom mineral is being dispatched as per requiremnts.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	None	Nil
7c	Different grade of mineral sorted out at mines.	No proposal	None	Nil
7d	Any beneficiation process at mines	No proposal	None	Nil

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No issue observed related to mineral conservation.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal of top soil generation	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)	Separate dump of mineral reject proposed.	No mineral reject observed, only mineral stacking was observed within lease area.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	It is proposed that OB will simultaneously used for backfilling in mined out area.	As per proposal	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	It is proposed that OB will simultaneously used for backfilling in mined out area.	As per proposal	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	It is proposed that 25 nos. of sapling will be planted over an area of 75 sqm.	Not reported.	Violation of Rule 26(2) of MCDR 2017 issued for non submission of PMCP report for the year 2018-19 vide this office letter dated 28.04.2020.

8g	Survival rate	Not specified	Not reported	Neither PMCP report nor Annual return for the year 2018-19 have been submitted by the lessee.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling proposed.	Water sprinkling was observed.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty is good in and around mine area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	As per MCDR annual return shall be submitted up to 30 June for the previous year. Monthly retrun shall be submitted up to 10th day of each month for the previous month.	Annual retrun for the year 2018-19 has not been submitted yet. Monthly return not submitted from Aug 2019 to March 2020.	State Govt. has been requested regulalry to take action under MCDR for non submission of statutory returns as per time limit. Violation of Rule 45(5)(b) & 45(5)(c) of MCDR 2017 issued for non submission of monthly & annual return on time vide this office letter dated 28.04.2020.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return for the year 2018-19 not yet submitted by the lessee.	Not scrutinied as return not submitted.	Violation of Rule 45(5)(c) of MCDR 2017 issued for non submission of annual return on time vide this office letter dated 28.04.2020.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return for the year 2018-19 not yet submitted by the lessee.	Annual return for the year 2018-19 not yet submitted by the lessee.	Violation of Rule 45(5)(c) of MCDR 2017 is being issued for non submission of annual return on time vide this office letter dated 28.04.2020.
9d	Scrutiny of Annual return on afforestation	Annual return 2018-19 not yet submitted.	Annual return 2018-19 not yet submitted.	Violation of Rule 45(5)(c) of MCDR 2017 is being issued for non submission of annual return on time vide this office letter dated 28.04.2020.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual return 2018-19 not yet submitted.	Annual return 2018-19 not yet submitted.	Violation of Rule 45(5)(c) of MCDR 2017 is being issued for non submission of annual return on time vide this office letter dated 28.04.2020.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return 2018-19 not yet submitted.	Annual return 2018-19 not yet submitted.	Violation of Rule 45(5)(c) of MCDR 2017 is being issued for non submission of annual return on time vide this office letter dated 28.04.2020.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual return 2018-19 not yet submitted.	Annual return 2018-19 not yet submitted.	Violation of Rule 45(5)(c) of MCDR 2017 is being issued for non submission of annual return on time vide this office letter dated 28.04.2020.
9h	Scrutiny of Annual return on fixed assets	Annual return 2018-19 not yet submitted.	Annual return 2018-19 not yet submitted.	Violation of Rule 45(5)(c) of MCDR 2017 is being issued for non submission of annual return on time vide this office letter dated 28.04.2020.

9k	Scrutiny of Annual return on mining machineries	Annual return 2018-19 not yet submitted.	Annual return 2018-19 not yet submitted.	Violation of Rule 45(5)(c) of MCDR 2017 is being issued for non submission of annual return on time vide this office letter dated 28.04.2020.
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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
MCDR17	Rule 11(1)	28-APR-20			
MCDR17	Rule 26(2)	28-APR-20			
MCDR17	Rule 45(5)(k)	28-APR-20			
MCDR17	Rule 45(5)(c)	28-APR-20			

Date :

(D R GURJAR)

Indian Bureau of Mines