

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : Raj/Brm- 39/SE- 20

Mine code : 97RAJ04015

- (i) Name of the Inspecting : **S012**) **Sharma H.C.**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh. Shankar Singh, Representative of Lessee, & Sh. S
Official with
Designation
- (iv) Date of Inspection : 01/02/2021
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DHARVI(166/2012)**
- (b) **Registration NO.** : **IBM/18753/2014**
- (c) Category : A Other Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : RAJASTHAN
District : BARMER
Village : Dharvi
Taluka : Shiv
Post office :
Pin Code :
FAX No. :
E-mail : suryatransport0101@gmail.co
Phone : 9414777105
- (f) Police Station : Sheo
- (g) First opening date : 09/01/2017
- (h) Weekly day of rest : SUN
2. Address for : Kaushal Singh S/O Amar Singh Shekhawat,
correspondance Resident of A-16, Sainik Basti,
Churu, Rajasthan- 341510
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked :

5. Name and Address of the

Lessee : KAUSHAL SINGH S/O SHRI AMAR SINGH
A16, SAINIK BASTI CHURU
CHURU RAJASTHAN
Phone:
FAX :

Owner : Kaushal Singh S/O Sh. Amar Singh Shekhawat,
Resident of A-16, Sainik
Basti, Churu, Rajasthan
CHURU RAJASTHAN
Phone: 9414777105
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	Two exploratory pits were proposed in earlier approved mining plan.	Mining operations could not be commenced due to local issues.	
1b	Exploration over lease area for geological axis 1 or 2	Not specified	Mining operations could not be commenced due to local issues.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	None	
1d	Balance area to be explored to bring Geological axis in 1 or 2	4 ha	Nil	
1e	Balance reserve as on 01/04/20	4 ha.	4 ha	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	Mining operations could not be commenced due to local issues & no proposed exploration could be done.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Working proposed by making benches in Top Soil, O/B waste & in minaral.	Mining operations could not be commenced due to local issues.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Working proposed by making benches in Top Soil, O/B waste & in minaral.	Mining operations could not be commenced due to local issues.	
2c	Stripping ratio or ore to OB ratio	1.31	Nil as mining operations could not be commenced due to local issues.	
2d	Quantity of topsoil generation in m3	6669 Cu M	Nil	

2e	Quantity of overburden generation in m3	7549 T	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable	The opencast mechanised method proposed to work the mineral.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single	None	
3b	Quantity of ROM mineral production proposed	8800 T during 2019-20	Nil	
3c	Recovery of sailable/usable mineral from ROM production	90 %	Not applicable as mining operations could not be commenced due to local issues.	
3d	Quantity of mineral reject generation	880 T during 2019-20	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not specfied	Not applicable	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	Not applicable	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil	

3j	Provision of drilling and blasting in mineral benches	No proposal	None
3k	Provision of mining machineries in mineral benches	JCB & Tractor trolley combination.	Mining operations could not be commenced due to local issues.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes
3m	Total area covered under excavation/pits	2.0154 ha	0.0016 ha
3n	Ore to OB ratio for the pit/mine during the year.	1.31	Mining operations could not be commenced due to local issues.
3o	Total area put in use under different heads at the end of year	2.0154 ha	0.0016 ha
3p	Production of ROM mineral during the last five year period as applicable	2017-18- 6300MT, 2018- 19-6300MT, 2019-20- 7920 MT	2017-18- Nil MT, 2018- 19-NIL MT, 2019-20- Nil MT
3q	General remarks of inspecting officers on method of mining etc.	Not applicable	Mining operations could not be commenced due to local issues.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	The O/B waste proposed to be backfilled in excated area from Second year on wards after proving the absence of second bed of mineral.	Mining operations could not be commenced due to local issues.	

4b	Location of topsoil, OB and mineral reject dumps	The O/B waste proposed to be backfilled in excavated area from Second year on wards after proving the absence of second bed of mineral.	Mining operations could not be commenced due to local issues.
4c	Number of dumps within lease area and outside of lease area	No proposal	Not applicable
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal of Dumping as waste obtained proposed to be backfilled in excavated area.	Not applicable
4e	Number of active and alive dumps.	No proposal	Not applicable
4f	Number of dead dumps.	No proposal	Not applicable
4g	Number of dumps established.	No proposal	Not applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Not applicable
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Nil
4j	Number of settling ponds	No proposal	None
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The O/B waste proposed to be backfilled in excavated area from Second year on wards after proving the absence of second bed of mineral.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Full extraction of Mineral	Mining operations could not be commenced due to local issues.
5b	Area under backfilling of mined out area	0.7870 ha	Nil as mining operations could not be commenced due to local issues.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Symultaneous backfilling of O/B waste in excated area.	Mining operations could not be commenced due to local issues.
5d	Total area fully reclaimed and rehabilitated	0.7870 ha	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	There is no matured area available for backfilling & reclamation as the mining operations could not be commenced due to local issues.

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).	Yes as per Rule	Not submitted.	
6b	Area available for rehabilitation (ha) .	0.7870 ha after last approved plan period.	Nil	
6c	afforestation done (ha).	Proposed to plant 50 Trees per year in 0.1 ha.	Nil	
6d	No. of saplings planted during the year	50 plants per year.	Nil	
6e	Cumulative no .of plants	150 plants to be planted so far.	Nil so far.	

6f	Any other method of rehabilitation	No proposal	None
6g	Cost incurred on watch and care during the year	No proposal	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	0.7870 ha at the end of plan period	0.0016 ha
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Tailings generation proposed	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	50 plants per year	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable	Mining operations could not be commenced due to local issues, hence implementation of PMCP proposals were not made.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	7920 MT during 2019-20	NIL as mining operations could not be commenced due to local issues.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Single grade manually.	Mining operations could not be commenced due to local issues.	
7c	Different grade of mineral sorted out at mines.	Single grade	Mining operations could not be commenced due to local issues.	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	Mining operations could not be commenced due to local issues. as such there is no issue of conservation of mineral in the mine.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Yes Proposed.	Mining operations could not be commenced due to local issues.
8b	Concurrent use or storage of topsoil	Proposed to be backfilled & levelled.	Mining operations could not be commenced due to local issues.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes reject & waste proposed to be backfilled in voids created by excavation in Pit.	Mining operations could not be commenced due to local issues.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes reject & waste proposed to be backfilled in voids created by excavation in Pit.	Mining operations could not be commenced due to local issues.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Symultaneous backfilling of waste & reject proposed.	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not specified	Nil Plantation done
8g	Survival rate	Not specified	Nil
8h	Water sprinkling on roads to control airborne dust	Yes	Mining operations could not be commenced due to local issues.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable	The general aesthatic beauty in & around the mine had not been disturbed.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Not applicable	No monthly return & annual return submitted so far, for which violation letter is proposed to be issued.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not applicable	Not applicable
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not applicable	Not applicable
9d	Scrutiny of Annual return on afforestation	Not applicable	Not applicable
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not applicable	Not applicable
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not applicable	Not applicable
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not applicable	Not applicable
9h	Scrutiny of Annual return on fixed assets	Not applicable	Not applicable
9k	Scrutiny of Annual return on mining machineries	Not applicable	Not applicable

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 :

(Sharma H.C.)

Indian Bureau of Mines