

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/BAR-40/SE-21

Mine code : 97RAJ04023

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

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DHARVI 52/2012**
- (b) **Registration NO.** : **IBM/18751/2018**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :
State : RAJASTHAN
District : BARMER
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : suryatransport0101@gmail.co
Phone : 9414080141
- (f) Police Station : Sheo
- (g) First opening date : 09/01/2017
- (h) Weekly day of rest : SUN
2. Address for : Surya Prakash Singh S/O Sh. Jawan Singh ji,
correspondance : Village Utrasar, Post- Binjuser, Tehsil & Distri
-Jhunjhunu (Rajasthan)- 333021
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 : SURYA PRAKASH SINGH S/O JAWAN SINGH
VILLAGE-UTRASAR POST-
BINJUSAR TEHSIL-JHUNJHUNU
JHUNJHUNU RAJASTHAN
Phone:9414080141
FAX :

Owner : Surya Prakash Singh S?o Sh. Jawan Singh ji,
Surya Prakash Singh S/O Sh
Jawan Si Village Utrasar,
Post- Binjuser, Tehsil &
District- Jhumjuhu (Raj)
JHUNJHUNU RAJASTHAN
Phone: 9414080141
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	3 exploratory pits were proposed.	Mining operations could not commence due to local issues.	
1b	Exploration over lease area for geological axis 1 or 2	Mining operations could not commence due to local issues.	None	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Mining operations could not commence due to local issues.	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Mining operations could not commence due to local issues.	4.7004 ha (entire lease area)	
1e	Balance reserve as on 01/04/20	Mining operations could not commence due to local issues.	48727 MT in 121 & 122 category.	
1f	General remarks of inspecting officers on geology, exploration etc	Not applicable	No exploration carried out as the mining operations could not commence due to local issues.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Working proposed in Single pit by making benches & O/B soil.	Mining operations could not commence due to local issues.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes Proposed	Mining operations could not commence due to local issues.	

2c	Stripping ratio or ore to OB ratio	Mining operations could not commence due to local issues.	Nil
2d	Quantity of topsoil generation in m3	5487 MT	Nil
2e	Quantity of overburden generation in m3	6207 MT	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable	Mining operations could not commence due to local issues.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single pit	Mining operations could not commence due to local issues.	
3b	Quantity of ROM mineral production proposed	7200 MT	Nil	
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	
3d	Quantity of mineral reject generation	720 during 2019-20.	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not specified	Not applicable	
3f	Quantity of sub grade mineral generation.	No proposal	Not applicable	
3g	Grade of sub grade mineral generation	Not applicable	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Mining operations could not commence due to local issues.	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	None
3j	Provision of drilling and blasting in mineral benches	No proposal	Not applicable
3k	Provision of mining machineries in mineral benches	JCB with Tractor trolley combination.	Mining operations could not commence 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	1.9742 ha	0.001 ha
3n	Ore to OB ratio for the pit/mine during the year.	Not applicable	Mining operations could not commence due to local issues.
3o	Total area put in use under different heads at the end of year	1.9742 ha	0.001 ha
3p	Production of ROM mineral during the last five year period as applicable	2015-16-- 5364 MT, 2016-17-- 5400MT, 2017-18-- 6300 MT, 2018-19- 6300, 2019-20-- 6480 MT	2015-16-- Nil MT, 2016-17-- Nil 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	The opencast method proposed. Mining operations could not commence due to local issues.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	The backfilling proposed from second year onwards.	Mining operations could not commence due to local issues.
4b	Location of topsoil, OB and mineral reject dumps	The top soil & waste proposed to bebackfilled in excavated area.	Mining operations could not commence due to local issues.
4c	Number of dumps within lease area and outside of lease area	No proposal	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	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	Not applicable
4j	Number of settling ponds	No proposal	Not applicable
4k	Specific comments of inspecting officer on waste dump management	Not applicable	The top soil & waste proposed to bebackfilled in excavated area. Mining operations could not commence due to local issues.

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.	Full extraction of Mineral.	Mining operations could not commence due to local issues.	

5b	Area under backfilling of mined out area	0.7350 ha area proposed to be backfilled.	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	For backfilling & plantation	Mining operations could not commence due to local issues.
5d	Total area fully reclaimed and rehabilitated	0.7350 ha	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	Mining operations could not commence 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) .	No proposal	Nil as mining operations could not commence due to local issues.	
6c	afforestation done (ha).	50 plants per year	Nil	
6d	No. of saplings planted during the year	50 nos	Nil	
6e	Cumulative no .of plants	250 nos at the end of Plan Period.	Nil	
6f	Any other method of rehabilitation	No Proposal	None	
6g	Cost incurred on watch and care during the year	Not specified	Nil	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	0.7350 ha	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	0.7350 ha	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No Proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal	None
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	None
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal	Mining operations could not commence due to local issues.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposal	Nil

6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposal	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not Applicable	No matured area available in the mine, as mining operations could not commence due to local issues. the implementation of PMCP proposals was poor.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Production during 2019-20-- 6480 MT.	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Mining operations could not commence due to local issues.	
7c	Different grade of mineral sorted out at mines.	Single grade.	Mining operations could not commence due to local issues.	
7d	Any beneficiation process at mines	No proposal	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not Applicable	No mineral Conservation issue in the mines	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	The top soil & waste proposed to bebackfilled in excavated area. Mining operations could not commence due to local issues.	

8b	Concurrent use or storage of topsoil	The top soil & waste proposed to bebackfilled in excavated area. Mining operations could not commence due to local issues.	The top soil & waste proposed to bebackfilled in excavated area. Mining operations could not commence due to local issues.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes proposed	Mining operations could not commence due to local issues.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Mining operations could not commence due to local issues.	The top soil & waste proposed to bebackfilled in excavated area. Mining operations could not commence due to local issues.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	By backfilling, levelling & plantation was proposed.	Mining operations could not commence due to local issues.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	250 nos during Plan Period.	Nil
8g	Survival rate	Not specified.	Mining operations could not commence due to local issues.
8h	Water sprinkling on roads to control airborne dust	No proposal	Not applicable
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not Applicable	The general aesthetic beauty is Non Disturbed in mine.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not applicable	No monthly or annual return had been submitted so far.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not applicable		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not applicable		
9d	Scrutiny of Annual return on afforestation	Not applicable		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	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 cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(Sharma H.C.)

Indian Bureau of Mines