

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/JHN-35/FE- 5

**Mine code :** 30RAJ17006

- (i) Name of the Inspecting : **T001** ) **Tardia K.K.**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Gajanand choudhari, Partner  
Official with  
Designation
- (iv) Date of Inspection : 17-MAR-17
- (v) Prev.inspection date : 08-JAN-16

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DUDWA**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : RAJASTHAN  
District : JHUNJHUNU  
Village : DUDWA  
Taluka : KHETRI  
Post office : KHETRI  
Pin Code :  
FAX No. : 0651-3299331  
E-mail : pkmewara1964@yahoo.in  
Phone : 09416579915
- (f) Police Station :
- (g) First opening date : 01-AUG-83
- (h) Weekly day of rest : SUN
2. Address for : C/o Shri Gajanand Choudhary,  
correspondance Gandhi Bazar, Narnoal  
Haryana
3. (a) Lease Number : RAJ0052  
(b) Lease area : 23.33  
(c) Period of lease : 50  
(d) Date of Expiry : 25-MAR-33
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : M/S Shakambary Maa Minerals  
 C/O Adhunik Consumer  
 Products West Market Road,  
 Upper Bazar Ranchi ( RANCHI  
 JHARKHAND  
 Phone:  
 FAX :

Owner : M/S Shakambary Maa Minerals  
 C/o Shri Gajanand Choudhary  
 Gandhi Bazar, Narnoal  
 Haryana RANCHI JHARKHAND  
 Phone:  
 FAX :

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	30-SEP-95
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	20-JAN-05
		Existing rule 11 MCDR1988	16-DEC-05
		Mining Scheme rule 12 MCDR1988	11-APR-12
		Renewal under rule 24 MCR1960	12-MAY-14

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not proposed.	na	
1b	Exploration over lease area for geological axis 1 or 2	Not proposed.	na	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed.	na	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed.	na	
1e	Balance reserve as on 01/04/20	588200 tonne	577880 tonne	
1f	General remarks of inspecting officers on geology, exploration etc			satisfactory

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development from 358 to 352 mRl in the NE part of the Lease area.	As per proposal	As per proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in overburden and mineral has been proposed.	Separate benches in overburden and mineral has been formed .	As per proposal
2c	Stripping ratio or ore to OB ratio	1:0.58	1:0.48	As per proposal
2d	Quantity of topsoil generation in m3	There is no top soil.	na	na
2e	Quantity of overburden generation in m3	88660 cub m	1100cub m	

2f General remarks of inspecting officers on development of pit w.r.t. type of deposit etc satisfactory

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	As per proposal
3b	Quantity of ROM mineral production proposed	152000 tonne	8264 Tonne	Due to less market demand and Mines working is temp. discontinued from July 2015 due to Ravanna is not being issued by the State Govt. and matter is sub-judice.
3c	Recovery of sailable/usable mineral from ROM production	80%	80%	As per proposal
3d	Quantity of mineral reject generation	nil	nil	
3e	Grade of mineral rejects generation and threshold value declared.	22%Fe contents	22%Fe contents	As per proposal
3f	Quantity of sub grade mineral generation.	60800 tonne	na	
3g	Grade of sub grade mineral generation	Not Specified.	na	
3h	Manual / Mechanised method adopted for segregating from ROM	mechanical	mechanical	As per proposal
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Specified.	na	

3j	Provision of drilling and blasting in mineral benches	No Proposal	na	na
3k	Provision of mining machineries in mineral benches	Excavator & rock breaker for Dislodging & Removal & Loading of ROM	As per proposal	As per proposal
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes ,	As per proposal	As per proposal
3m	Total area covered under excavation/pits	1hect	1hect	As per proposal
3n	Ore to OB ratio for the pit/mine during the year.	1:0.58	1:0.49	
3o	Total area put in use under different heads at the end of year	1 hect	1 hect	As per proposal
3p	Production of ROM mineral during the last five year period as applicable	Yr-2013-14=36940 Yr-2014-15=106400 Yr2015-16 =15200	Yr-2013-14=19700 Yr-2014-15=48000 Yr2015-16 =8264	
3q	General remarks of inspecting officers on method of mining etc.			Dovelopment work is satisfactory.

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate Dumping Of Ob & Mineral Reject Are Proposed In The Mining Plan	As per proposal	As per proposal

4b	Location of topsoil, OB and mineral reject dumps	On the eastern slope of the hillock.	As per proposal	As per proposal
4c	Number of dumps within lease area and outside of lease area	One dump is proposed in the lease area, No dump is proposed outside the lease area.	As per proposal	As per proposal
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	On the eastern slope of the hillock.	As per proposal	As per proposal
4e	Number of active and alive dumps.	1	1	As per proposal
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Specified.	na	
4i	Length of Retaining wall or garland drain all along dumps	Not Specified.	na	
4j	Number of settling ponds	Not Specified.	na	
4k	Specific comments of inspecting officer on waste dump management			As per proposal

---

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 back filling is proposed.	na	
5b	Area under backfilling of mined out area	No back filling is proposed.	na	

---

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No back filling is proposed.	na	
5d	Total area fully reclaimed and rehabilitated	Not proposed.	na	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No back filling is proposed.

---

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).	Submitted .	Submitted .	
6b	Area available for rehabilitation (ha) .	Not envisaged at present	na	
6c	afforestation done (ha).	1.5 hect.	1.5 hect.	As per proposal
6d	No. of saplings planted during the year	nil	na	
6e	Cumulative no .of plants	500 saplings	500 saplings	
6f	Any other method of rehabilitation	plantation		
6g	Cost incurred on watch and care during the year	Not Specified.	Not Specified.	Not Specified.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not Specified.	Not Specified.	Not Specified.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No back filling proposed	na
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not proposed.	na
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed.	na
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed.	na
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No Proposal	na
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No Proposal	na
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No Proposal	na
6p	Compliance of environmental monitoring (core zone and buffer zone)	yearly	yearly



6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	satisfactory
----	---	--------------

---

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	152000 Tonne	8264 tonne	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical	mechanical	
7c	Different grade of mineral sorted out at mines.	Lumps	na	
7d	Any beneficiation process at mines	Not proposed.	na	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			satisfactory

---

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil available, no proposal	na	
8b	Concurrent use or storage of topsoil	Not proposed.	na	

---

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps for overburden, waste rock, are proposed.	As per proposal	As per proposal
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No back filling is proposed.	na	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not envisaged at present	na	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	500 saplings	At present there are 600 survived plants in around the mining lease area	As per proposal
8g	Survival rate	60%	50%	
8h	Water sprinkling on roads to control airborne dust	Tractor trolley with Water sprinkling system is present at the mine site.	As per proposal	As per proposal
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			satisfactory.

---

#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. online not Submitted for the month April 2016 A.R. online not submitted for the year 2015-16	M.R. online not Submitted for the month April 2016 A.R. online not submitted for the year 2015-16	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	mining Engr employed	As per proposal
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.
9d	Scrutiny of Annual return on afforestation	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.
9h	Scrutiny of Annual return on fixed assets	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.
9k	Scrutiny of Annual return on mining machineries	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.	Violation of rule 45(5)(b) and 45(5)(c) have been pointed out.

---

**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 :**

**(Tardia K.K.)**

Indian Bureau of Mines