

**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 : **B019** ) **Baj V B**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sh. Gajanand Chaudhary, Partner  
Official with  
Designation
- (iv) Date of Inspection : 16-MAR-18
- (v) Prev.inspection date : 17-MAR-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DUDWA**
- (b) **Registration NO.** : **IBM/16293/2013**
- (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
		MP modif under 17(3) MCR 2016	30-MAY-17

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Not applicable	
1b	Exploration over lease area for geological axis 1 or 2	Not proposed	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	Not applicable	
1e	Balance reserve as on 01/04/20	7, 25, 000 tonnes in 111 category	7, 25, 000 tonnes in 111 category	
1f	General remarks of inspecting officers on geology, exploration etc		Exploration over lease area for geological axis 1 should be carried out.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development from 362 to 356 mRL in 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 OB and mineral has been proposed.	Separate benches in OB and mineral has been formed.	
2c	Stripping ratio or ore to OB ratio	1 : 0. 78	1 : 0. 70	As per proposal
2d	Quantity of topsoil generation in m3	There is no top soil	Not applicable	
2e	Quantity of overburden generation in m3	65210 tonne	mine is temporarily closed since July, 2015	

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	One	One	
3b	Quantity of ROM mineral production proposed	1,88,720 tonne	189 tonne	Due to less market demand and mines temp. discontinued from July 2015.
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 content	22 % Fe content	
3f	Quantity of sub grade mineral generation.	25080 tonne	Nil	
3g	Grade of sub grade mineral generation	Not specified	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not specified	Not applicable	
3j	Provision of drilling and blasting in mineral benches	No proposal	Not applicable	

3k	Provision of mining machineries in mineral benches	Excavator & rock breaker for dislodging, removal & loading of ROM	As per proposal
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes as per proposal
3m	Total area covered under excavation/pits	1. 2 hect.	1. 2 hect.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0. 78	1 : 0. 70
3o	Total area put in use under different heads at the end of year	1. 2 hect.	1 .2 hect.
3p	Production of ROM mineral during the last five year period as applicable	Year 2013-14 = 36940 t Year 2014-15 = 106400 t Year 2015-16 = 152000 t Year 2016-17 = 188720 t	Year 2013-14 = 19700 t Year 2014-15 = 48000 t Year 2015-16 = 8264 t Year 2016-17 = 189 t
3q	General remarks of inspecting officers on method of mining etc.		Development work is satisfactory.

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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 rejects is proposed	As per proposal.	
4b	Location of topsoil, OB and mineral reject dumps	On the eastern slope of the hillock	As per proposal.	

4c	Number of dumps within lease area and outside of lease area	One dump within the lease area	One dump within the lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	On the eastern slope of the hillock.	On the eastern slope of the hillock.	
4e	Number of active and alive dumps.	One	One	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not specified	Not applicable	
4i	Length of Retaining wall or garland drain all along dumps	Not specified	Not applicable	
4j	Number of settling ponds	Not proposed	Not applicable	
4k	Specific comments of inspecting officer on waste dump management			As per proposal

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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 backfilling is proposed.	Not applicable	
5b	Area under backfilling of mined out area	No backfilling is proposed.	Area is not mature for backfilling.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No backfilling is proposed.	Not applicable	

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5d	Total area fully reclaimed and rehabilitated	Not proposed	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mineralised area is not 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).	To be submitted	Annual report on PMCP not submitted.	Violation of rule 26 (2) of MCDR, 2017 is being pointed out.
6b	Area available for rehabilitation (ha) .	Not envisaged at present.	Not applicable	
6c	afforestation done (ha).	2.0 hect	2. 0 hect.	
6d	No. of saplings planted during the year	400 saplings	400 saplings	
6e	Cumulative no .of plants	500 saplings	Annual PMCP report not submitted.	Violation of rule 26 (2) of MCDR, 2017 is being pointed out.
6f	Any other method of rehabilitation	Plantation	Plantation	
6g	Cost incurred on watch and care during the year	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	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No backfilling is proposed.	Not applicable.	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not proposed	Not applicable	
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.	Not proposed	Not applicable	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not proposed	Not applicable	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	Not applicable	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yearly environmental monitoring.	Yearly environmental monitoring is being carried out.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Violation of rule 26 (2) of MCDR, 2017 is being pointed out for not submitting annual report on PMCP.

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Mineral Conservation:

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Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	188720 tonne	189 tonne	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	
7c	Different grade of mineral sorted out at mines.	Lump and fines	Lump & fines	
7d	Any beneficiation process at mines	Not proposed	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Satisfactory

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No topsoil is available	No topsoil is available	
8b	Concurrent use or storage of topsoil	Not proposed	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps for OB, waste rock are proposed	As per proposal.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	No back filling is proposed.	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not envisaged at present	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	400 saplings	At present there are 600 survived plants as reported by the accompanied representative.	
8g	Survival rate	60 %	50 %	
8h	Water sprinkling on roads to control airborne dust	Tractor trolly with water sprinkling sytem is proposed.	Water sprinkling is being done at the mine.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			General aesthetic beauty in and around mine area is good.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual returns submitted.	M.R. upto March, 2018 and A.R. for the year 2016-17 submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details given	Details furnished.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given	Details furnished.	
9d	Scrutiny of Annual return on afforestation	Details given	Details furnished.	

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9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Details given	Details furnished.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details given	Details furnished.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Details given	Ex mine price Rs 400/-
9h	Scrutiny of Annual return on fixed assets	Details given	Details furnished.
9k	Scrutiny of Annual return on mining machineries	Details given	Details furnished.

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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

Date :

(Baj V B)

Indian Bureau of Mines