

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT 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 : **P022**) **PANKAJ KULSHRESTHA**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sh. Gajanand Chaudhary, Partner
Official with
Designation
- (iv) Date of Inspection : 07/09/2023
- (v) Prev.inspection date : 16/03/2018

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 : 01/08/1983
- (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 : 25/03/2033
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	30/09/1995
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	20/01/2005
		Existing rule 11 MCDR1988	16/12/2005
		Mining Scheme rule 12 MCDR1988	11/04/2012
		Renewal under rule 24 MCR1960	12/05/2014
		MP modif under 17(3) MCR 2016	30/05/2017
		MP review under 17(1) MCR 2016	09/07/2018

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposed during the year 2022-23.	No mining operations performed during the last plan period . The mine is temp. discontinued since July 2015.	
1b	Exploration over lease area for geological axis 1 or 2	G1- 1.68 ha	G1-1.68 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No exploration proposed during the year 2022-23	Nil, no exploration carried out during the year 2022-23.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No exploration proposed during the year 2022-23. However it was proposed to put 9 bore holes during the year 2018-19 to cover entire 23.3342 ha of lease area.	Nil	
1e	Balance reserve as on 01/04/20	The mineable reserves of the area was estimated as 17,17560 tonnes.	As no mining activity conducted during the period therefore the mineable reserves may be considered as 17,17560 t.	
1f	General remarks of inspecting officers on geology, exploration etc	NA	As the area is almost un-explored, it is therefore suggested to conduct detailed exploration program as in accordance of ME & MC Rules, 2015.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	It was proposed to extend the existing pit in sides and depth.	No mining carried out during the year 2022-23.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, Separate benches for O/b and mineral.	No mining carried out during the year 2022-23.
2c	Stripping ratio or ore to OB ratio	1:0.25	No mining carried out during the year 2022-23.
2d	Quantity of topsoil generation in m3	Nil	Not applicable
2e	Quantity of overburden generation in m3	12790 cum. during the year 2022-23.	Nil, as no mining activity carried out during the year 2022-23.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	No mining activity observed. The development of pit w.r.t type of deposit may be considered as satisfactory.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	Nil, no mining activity carried out during the year 2022-23.	
3b	Quantity of ROM mineral production proposed	Tentative excavation proposed as 51150 cum with Iron Ore as 38360 cum during the year 2022-23.	Nil, no mining activity carried out during the year 2022-23.	
3c	Recovery of sailable/usable mineral from ROM production	From ROM of 179020 tonnes the recovery of mineral was expected as 145770 tonnes during the year 2022-23.	Nil, no mining activity carried out during the year 2022-23.	

3d	Quantity of mineral reject generation	It was expected to have 33250 tonnes of waste generation during the year 2022-23.	Nil, no mining activity carried out during the year 2022-23.
3e	Grade of mineral rejects generation and threshold value declared.	No specific information furnished.	Nil, no mining activity carried out during the year 2022-23.
3f	Quantity of sub grade mineral generation.	Nil	Not applicable
3g	Grade of sub grade mineral generation	No sub grade generation	Not applicable
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Not applicable, no mining activity carried out during the year 2022-23.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal during the year 2022-23.	Not applicable
3j	Provision of drilling and blasting in mineral benches	Yes	Not applicable, no mining activity carried out during the year 2022-23.
3k	Provision of mining machineries in mineral benches	Yes	Nil, no mining activity carried out during the year 2022-23.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Not applicable as no mining activity carried out during the year 2022-23.
3m	Total area covered under excavation/pits	1.6 ha	1.2 ha of area already put to use at the start of plan period. No mining activity carried out during the year 2022-23.

3n	Ore to OB ratio for the pit/mine during the year.	1:0.25	Not applicable, no mining activity carried out during the year 2022-23.
3o	Total area put in use under different heads at the end of year	Area under mining : 1.2 ha Area under Waste dump : 0.40 ha Area under mineral storage : 0.02 ha Area under Infrastructure : 0.01 ha Area under Roads : 0.85 ha	As above no mining activity carried out during the year 2022-23.
3p	Production of ROM mineral during the last five year period as applicable	2018-19: 1,89,170 t 2019-20: 191230 t 2020-21 : 209710 t 2021-22 : 178500 t 2022-23 : 179020 t	Nil, no mining activity carried out during the year 2022-23.
3q	General remarks of inspecting officers on method of mining etc.	Semi Mechanised proposed to continue.	May be considered as satisfactory.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes, Separate dumping of O/b proposed.	Nil, no mining activity carried out during the year 2022-23.	
4b	Location of topsoil, OB and mineral reject dumps	Within the lease area, O/b dump and soil stack in eastern side of working pit.	Nil, no mining activity carried out during the year 2022-23.	
4c	Number of dumps within lease area and outside of lease area	One O/B dump within the lease area.	Nil, no mining activity carried out during the year 2022-23.	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Out side UPL, in eastern side of working pit	Nil, no mining activity carried out during the year 2022-23.
4e	Number of active and alive dumps.	One alive dump	Nil, no mining activity carried out during the year 2022-23.
4f	Number of dead dumps.	No such proposal	Nil
4g	Number of dumps established.	No such proposal	Not applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	No such proposal	Nil, no mining activity carried out during the year 2022-23.
4i	Length of Retaining wall or garland drain all along dumps	No such proposal	Nil, no mining activity carried out during the year 2022-23.
4j	Number of settling ponds	No such proposal	Not applicable
4k	Specific comments of inspecting officer on waste dump management	NA	Satisfactory.

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.	Mineral to be fully extracted before starting backfilling.	Not applicable	
5b	Area under backfilling of mined out area	No such proposal	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No such proposal	Not applicable	
5d	Total area fully reclaimed and rehabilitated	No such proposal	Not applicable	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No such proposal	The lease area is not matured for backfilling and reclamation.
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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).	Yes, as per rule	Not submitted.	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	1.40 ha under plantation	The mine is not working siince July ,2015, therefor no previous afforestation done survived except natural grown few canty bushes and shrubs.	
6d	No. of saplings planted during the year	100 saplings per year	Nil,	
6e	Cumulative no .of plants	NA	Nil	
6f	Any other method of rehabilitation	NA	Nil	
6g	Cost incurred on watch and care during the year	NA	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No such proposal	Not applicable	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No such proposal	Not applicable	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No such proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposal	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No such proposal	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No such proposal	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No such proposal	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No such proposal	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes as per rule	Nil, mine not working since long.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	The mine is not working since July, 2015.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	179020 t during the year 2022-23.	Nil, no mining activity during the year 2022-23.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical
7c	Different grade of mineral sorted out at mines.	Yes,	Nil, no mining activity during the year 2022-23.
7d	Any beneficiation process at mines .	No such proposal	Nil, no mining activity during the year 2022-23.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	As the mine is not working since July, 2015, no specific comment.

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No such proposal.	Not applicable	
8b	Concurrent use or storage of topsoil	NA	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Not applicable , as no mining activity since July 2015.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	Nil	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes, plantation @100/ year proposaed.	No plantation done by lessee observed. Area populated with natural grown bushes and shrubs at some places.
8g	Survival rate	NA	Nil
8h	Water sprinkling on roads to control airborne dust	NA	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	The aesthetic beauty in and around mines area may be considered as satisfactory.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Yes	Yes	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Agent : Shri Gajanand Choudhary Manager : Shri Jayna Jha Mining Engineer in Charge : Shri Jayna Jha	Agent : Shri Gajanand Choudhary	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited and abandoned by opencast (O-C) mining : 23.33 Occupied by roads : 0.12	As above	

9d	Scrutiny of Annual return on afforestation	Number of trees planted during the year : 0	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Subgrade-Mineral Reject : 0	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening stock : 2800 t ,Closing Stock : 2800 t	As above
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	Nil
9h	Scrutiny of Annual return on fixed assets	At the beginning of the year Rs. 10000, with estimated market value of Rs. 10000.	As above
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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 :

(PANKAJ KULSHRESTHA)

Indian Bureau of Mines