

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/BLW-439/IO-02

**Mine code :** 30RAJ06002

- (i) Name of the Inspecting : **R018** ) **N L ROAT**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Sunil Pandey, Mining Head & Shri S.k. Pandey Mines  
Official with  
Designation
- (iv) Date of Inspection : 17-SEP-16
- (v) Prev. inspection date : 18-AUG-15

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **LAMPIYA(627/05)**
- (b) **Registration NO.** : **IBM/5710/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **RAJASTHAN**
- District : **BHILWARA**
- Village : **LAMPIYA**
- Taluka : **BANERA**
- Post office : **MAHUWA KHURD**
- Pin Code : **311011**
- FAX No. : **01482248417**
- E-mail : **sunil.pandey@jindalsaw.com**
- Phone : **0148224817**
- (f) **Police Station** : **Banera**
- (g) **First opening date** : **24-SEP-12**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **Tiranga Hills**  
**Village& post-Pur**  
**Distt.Bhilwara (Raj)-311802**
3. (a) **Lease Number** : **RAJ4482**
- (b) **Lease area** : **433.1**
- (c) **Period of lease** : **30**
- (d) **Date of Expiry** : **09-MAY-42**
4. **Mineral worked** : **IRON ORE** **Main**

## 5. Name and Address of the

Lessee : JINDAL SAW LIMITED  
B-136, QUEENS ROAD VIDHYUT  
NAGAR-B JAIPUR RAJASTHAN  
Phone:  
FAX :

Owner : JINDAL SAW LTD  
JAIPUR RAJASTHAN  
Phone:  
FAX :

Agent : DINESH CHANDRA S PATIL  
NEAR TIRANGA HILLS VILL-  
PUR TEHSIL BHILWARA  
BHILWARA RAJASTHAN  
Phone:  
FAX :

6. Date of approval of Mining : MP modif under MCR 1960  
Plan/Scheme of Mining

04-APR-16

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	As per the mining plan approved on 19/03/2009 during the 2nd year exploration by putting 06 boreholes of 750m	No exploration was carried out during the previous year (2015-16).	Violation of Rule 13(1) has been pointed out.
1b	Exploration over lease area for geological axis 1 or 2	As per the mining plan approved on 19/03/2009 during the 2nd year exploration by putting 06 boreholes of 750m	No exploration was carried out during the previous year (2015-16).	Violation of Rule 13(1) has been pointed out.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Not applicable.	Nil.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Not applicable.	Nil.
1e	Balance reserve as on 01/04/20	(111)-9.55MMT, (222)-9.02 MMT, (333)-9.14&(334)-12.22MMT as on30/09/2015	(111)-9.55MMT, (222)-9.02 MMT, (333)-9.14&(334)-12.22MMT as on30/09/2015	Nil.

1f	General remarks of inspecting officers on geology, exploration etc	No proposal.	As per the mining plan approved on 19/03/2009 during the 2nd year exploration by putting 06 boreholes of 750m	Violation of Rule 13(1) has been pointed out.As directed by RCOM regarding complaint of Shri Gopal Lal Mali the issue of unauthorising blasting & mining it was gathered that due to dispute with local villagers the mining operation in the mine were found to be discontinued in compliance of SDM Banera's letter dt13/05/2016.A separate report on issues of complaint has been submitted to RCOM on 19/09/2016.
----	--------------------------------------------------------------------	--------------	---------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

---

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Lampiya South block.	Lampiya South block.	Nil.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	The separate bench in topsoil,overburden and mineral is proposed.	The separate bench in overburden and mineral formed.The topsoil is scrapped separately.	Nil.
2c	Stripping ratio or ore to OB ratio	1:2.15.	1:0. The bench in mineral.	Nil.
2d	Quantity of topsoil generation in m3	2040m3	100m3	Nil
2e	Quantity of overburden generation in m3	1244000m3	700m3	Small scale working.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposal.	The mine development is suitable w.r.t. type of deposit .	Nil.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Lampiya South pit.	Lampiya South pit.	Nil.
3b	Quantity of ROM mineral production proposed	600000Tonns.	650Tons	Due to interruption of local villagers the mining operation in the mine were found to be discontinued in compliance of SDM Banera's letter dt.13/05/2016.
3c	Recovery of sailable/usable mineral from ROM production	30%.	30%.	Nil.
3d	Quantity of mineral reject generation	No proposal.	Not applicable.	Nil.
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Not applicable.	Nil.
3f	Quantity of sub grade mineral generation.	No proposal.	Not applicable.	Nil.
3g	Grade of sub grade mineral generation	No proposal.	Not applicable.	Nil.
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal in the mine.	Dry&wet beneficiation by two stages of crushing & grinding each with magnetic separation at Tiranga Block.	Nil.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	None.	Nil.
3j	Provision of drilling and blasting in mineral benches	Shot&deep hole drilling&blast ing.	Shot&deep hole drilling&blasting.	Nil.

3k	Provision of mining machineries in mineral benches	Exploitation is proposed to be carried out by machinery in mineral bench.	HEMMS(Shovels Dumpers combination).	Nil.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes.	Yes.	Nil.
3m	Total area covered under excavation/pits	105.68Hect.	10Hect.	Nil.
3n	Ore to OB ratio for the pit/mine during the year.	1:1.565.	1:1.98.	Nil.
3o	Total area put in use under different heads at the end of year	Pits-22.5hect, Dumps-40,Road-8.26hect..Plan tation-5.00hect.	Pits-10.00hect, Mineral storage-4hect,Road-6.7hect..Plantation-00.00hect.	Nil.
3p	Production of ROM mineral during the last five year period as applicable	(2011-12)-na,(2012-13)-na,(2013-14)-na,(2014-15)-600000Tons,(2015-16)-1200000Tons.	(2011-12)-na,(2012-13)-na,(2013-14)-na,(2014-15)-3435Tons,(2015-16)-650Tons.	Due to interruption of local villagers the mining operation in the mine were found to be discontinued in compliance of SDM Banera's letter dt.13/05/2016.
3q	General remarks of inspecting officers on method of mining etc.	No proposal.	Small scale mining in the area	There is a interruption of local villagers in mining& dispute between villagers and lessee. Hencec the work in the mine is found to be discontinued in compliance of SDM letter dt.13/05/2016.A separate report on issues of complaint has beeb submitted to RCOM on 19/09/2016.

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 OBis proposed.No proposal of minera rejects.To soil is to be scrapped out separately.	Separate dumping of OB waste & soil is done.No mineral reject is generated.	Nil.
4b	Location of topsoil, OB and mineral reject dumps	1120N-1410N To435E-725E.	1120N-1410N To435E-725E.	Nil.
4c	Number of dumps within lease area and outside of lease area	One dump with in lease area.	One dump with in lease area.	Nil.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	1120N-1410N To435E-725E.	1120N-1410N To435E-725E.	Nil.
4e	Number of active and alive dumps.	One.	One.	Nil.
4f	Number of dead dumps.	No proposal.	Not applicable.	Nil.
4g	Number of dumps established.	No proposal.	None.	Nil.
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes,Retaining wall.	Small active dump.	Nil.
4i	Length of Retaining wall or garland drain all along dumps	year wise legth of retaining wall or garland not specified.	Nil.	Nil.
4j	Number of settling ponds	No proposal.	Not applicable.	Nil.
4k	Specific comments of inspecting officer on waste dump management	No proposal.	Since the mining opeartion in the mine have been commenced in the year 2014-15 at very small scale. No much waste has sofar been generated. Further mining opeartaions are interrupted by the local villagers & the same are discontinued in compliance of SDM letter dt.13/05/2016.	Nil.

## 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 proposal of backfilling.	Not applicable.	Nil.
5b	Area under backfilling of mined out area	No proposal of backfilling.	Not applicable.	Nil.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Topsoil is proposed to be scrapped separately.	Topsoil is scrapped separately for use in plantation.	Nil.
5d	Total area fully reclaimed and rehabilitated	No such proposal.	Not applicable.	Nil.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No such proposal.	No part of worked out pit mature for backfilling.	Nil.

## 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).	No such proposal.	The annual report on PMCP for the year 2015-16 was not submitted.	Violation of Rule 23E(2) is pointed out.
6b	Area available for rehabilitation (ha) .	No such proposal for the year 2015-16.	Not applicable.	Nil.
6c	afforestation done (ha).	1.00hect area wsa proposed to be afforested during 2015-16.	No area afforested during 2015-16.	Violation of Rule 13(1) has been pointed out.
6d	No. of saplings planted during the year	1000nos.	No plantation during 2015-16.	Violation of 13(1)mpointed out.
6e	Cumulative no .of plants	No such proposal.	No plantation.	Nil.
6f	Any other method of rehabilitation	No proposal.	Not applicable.	Nil.



6g	Cost incurred on watch and care during the year	No proposal.	Not applicable.	Nil.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	Not applicable. Actually no void is mature for backfilling.	Nil.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Not applicable. Actually no void is mature for backfilling.	Nil.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal.	No backfilled area available at present.	Nil.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Not applicable.	Nil.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal.	Not applicable.	Nil.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal.	Not applicable.	Nil.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal.	Not applicable.	Nil.

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Not applicable.	Nil.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitorin of air & water is proposed.	Quarterly monitorin of air & water is done.	Nil.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal of sorting in approved modified mining plan.	No applicable.	Nil.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal.	Not applicable.	Nil.
7c	Different grade of mineral sorted out at mines.	No proposal.	Not applicable.	Nil.
7d	Any beneficiation process at mines .	No proposal.	No beneficiation grading or sorting at this mine,But Ore is beneficiated at Tiranga bock of Dhedwas mine of lessee.	Nil.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	Actually dry and wet beneficiation by two stage of Crushing& grinding each with megnetic separation.	Nil.

---

Environment:

---

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Separate removal of topsoil is proposed.	Actually in the area very small excavation activity have been carried out confined to a hillock where negligible soil is available & scrapped separately.	Nil.
8b	Concurrent use or storage of topsoil	Separate stacking proposed.	Separately stacked.	Nil.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of OBis proposed.No proposal of minera rejects.To soil is to bestacked separately.	Separate dumping of OB waste is done.No mineral reject is generated.Topsoil stacked separately stacked.	Nil.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Not applicable.	Nil.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal for 2015-16.	Not applicable.	Nil.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal for 2015-16.	The locally grown vegetation& charagah land exist in the lease area.	Nil.
8g	Survival rate	Not proposed in the mining plan	No plantation is carried out in the lease area by the lessee.	Nil.
8h	Water sprinkling on roads to control airborne dust	No proposal.	Actully very small scale mining has been done .	Nil.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No such proposal.	Except degradation of land it is good.	Nil.
----	------------------------------------------------------------------------------------	-------------------	----------------------------------------	------

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M. R. submitted up to August, 2016 & A. R. submitted for 2015-16.	The position of Submission of M/R & A/R is satisfactory.	Nil.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes.	Found O.K.	Nil.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given	Found O.K.	Nil
9d	Scrutiny of Annual return on afforestation	yes, given	Found O.K.	Nil.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Details given for O/B removed & reject generation.	Found O.K.	Nil.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details Given	Found O.K.	Nil.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes.	Found O.K.	Nil.
9h	Scrutiny of Annual return on fixed assets	Given.	Details given.	Nil.
9k	Scrutiny of Annual return on mining machineries	Details given.	Found OK.	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
Rule 13(1)	20-OCT-16				
Rule 23E(2)	20-OCT-16				

**Date :**

(N L ROAT)

Indian Bureau of Mines