

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

**MCDR INSPECTION REPORT**

**Bhubaneshwar regional office**

**Mine file No :** ORI/IRON/KJR/MCDR-31/BBS

**Mine code :** 30ORI08025

- (i) Name of the Inspecting : **U11** ) **DAYANAND UPADHYAY**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Bhabagrahi Mohapatra, Geologist  
Official with  
Designation
- (iv) Date of Inspection : 02/11/2017
- (v) Prev.inspection date : 13/12/2009

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **JORIBAHAL (263.25 AC)**
- (b) **Registration NO.** : **IBM/343/2011**
- (c) Category : A Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : JORIBAHAL
- Taluka : BARBIL
- Post office : PALSA
- Pin Code :
- FAX No. : 06767-272066
- E-mail :
- Phone : 06767-72101
- (f) Police Station :
- (g) First opening date : 03/06/1960
- (h) Weekly day of rest : TUE
2. Address for : JARIBAHAL IRON ORE MINES  
correspondance AT/PO-PALSA  
DIST-KEONJHAR
3. (a) Lease Number : ORI0046
- (b) Lease area : 106.53
- (c) Period of lease : 10
- (d) Date of Expiry : 19/06/2008
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : PATNAIK MINERALS (P) LTD  
 PATNAIK MINERALS (P) LTD  
 POST :KEONJHARGARH  
 KEONJHAR ORISSA  
 Phone:06767-720101  
 FAX :06767-72066

Owner : PATNAIK MINERALS (P) LTD  
 POST: KEONJHARGARH  
 KEONJHAR ORISSA  
 Phone: 72101  
 FAX : 72066

Agent : J.N.PATNAIK  
 c/o PATNAIK MINERALS (P)  
 LTD, POST :KEONJHARGARH  
 KEONJHAR ORISSA  
 Phone: 72101  
 FAX : 72066

## Mining Engineer

Name : K.C.SAHOO,Full Time  
 Qualification : B E MINING  
 Appointment/ : 15/09/2003  
 Termination date

## Mining Engineer

Name : N.P.BARIK,Full Time  
 Qualification : A.M.I.E MINING  
 Appointment/ : 23/01/2001  
 Termination date

## Mining Engineer

Name : P.K.BRAHMA,Full Time  
 Qualification : MINING ENGG 1ST CLASS MANAGERS CERTIFICA  
 Appointment/ : 07/01/1999  
 Termination date

## Geologist

Name : B.K.MOHANTY,Full Time  
 Qualification :  
 Appointment/ : 01/01/1998  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	01/02/2007
Plan/Scheme of Mining		Renewal under rule 24 MCR1960	19/12/2008
		Modif.of approved Mining Plan	17/02/2011
		Mining Scheme rule 12 MCDR1988	28/05/2014
		MS modif under MCR 1960	09/06/2017

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	30 nos. of bore holes were proposed in approved modified scheme of mining for the period 2016-17.	Proposed bore holes have not been commenced due to mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
1b	Exploration over lease area for geological axis 1 or 2	95 bore holes were proposed in G1/G2 level of exploration in approved scheme of mining for the period 2013-14 to 2017-18.	Proposed bore holes have not been commenced due to mining is not under operation since 30.11.2011.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Proposed bore holes have not been commenced due to mining is not under operation since 30.11.2011.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	About 33.123 ha area was proposed under G1/G2 level of exploration.	Proposed bore holes have not been commenced due to mining is not under operation since 30.11.2011.	
1e	Balance reserve as on 01/04/20	Balance reserve as per approved modified scheme of mining is as below: Under proved category : 16966755T, Remaining resources: 11455896T	Balance reserve as per approved modified scheme of mining is as below: Under proved category : 16966755T, Remaining resources: 11455896T.	

1f	General remarks of inspecting officers on geology, exploration etc	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
----	--	---

---

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Quarry-1 between grid 580N/900E to 250N/950E & 500N/805E to 350N/1060E and quarry-5 between grid 650N/540E to 200N/510E & 310N/410E to 490N/720E.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in ore & OB of 6m height & 9m width.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
2c	Stripping ratio or ore to OB ratio	1:0.33	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

2d	Quantity of topsoil generation in m3	Not proposed.	Not applicable.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
2e	Quantity of overburden generation in m3	550600cu.m	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

---

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	02 nos. of pits, quarry-1 & quarry-5.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

3b	Quantity of ROM mineral production proposed	ROM production for the year 2016-17, 3.39 million tonnes.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3c	Recovery of saleable/usable mineral from ROM production	Saleable ore 90% of total ROM.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3d	Quantity of mineral reject generation	Sub grade/mineral reject generation proposed for the year 2016-17, 247770 cu. m.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3e	Grade of mineral rejects generation and threshold value declared.	45-55% Fe.	NIL.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3f	Quantity of sub grade mineral generation.	Sub grade/mineral reject generation proposed for the year 2016-17, 247770 cu. m.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

3g	Grade of sub grade mineral generation	45-55% Fe.	Nil.	Mining is not under operation since 30.11.2011after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised.	Nil.	Mining is not under operation since 30.11.2011after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Not applicable.	
3j	Provision of drilling and blasting in mineral benches	Blast holes of 100mm dia. with spacing 3.0m and burden 2.5m.	Nil.	Mining is not under operation since 30.11.2011after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3k	Provision of mining machineries in mineral benches	Hydraulic drill 100mm dia., Excavator- 3.2/2.5 cu.m, Loader- 2.5cu.m, Dumper-15/35T, Rock breaker.	Nil.	Mining is not under operation since 30.11.2011after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6m height of benches in ore and OB.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3m	Total area covered under excavation/pits	66.210 ha under excavation/pits.	Mining is not under operation since 30.11.2011.	Total area covered under mining is about 66.210ha. Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.33	Nil.	Mining is not under operation since 30.11.2011
3o	Total area put in use under different heads at the end of year	Excavation pits-66.201ha, Dump-15.350ha, Mineral storage-15.905ha, Roads-2.20 Crushing and screening plants-5.58 Ha.	Mining is not under operation since 30.11.2011	Area covered under excavation pits-66.201ha, Dump-15.350ha, Mineral storage- 15.905ha, Roads-2.20 Crushing and screening plants-5.58 Ha.
3p	Production of ROM mineral during the last five year period as applicable	2012-13: 3399952T 2013-14: Nil 2014-15: 991705T 2015-16: 2166499T 2016-17: 3399955T	2012-13: Nil 2013-14: Nil 2014-15: Nil 2015-16: Nil 2016-17: Nil	Total area covered under mining is about 66.210ha. Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.



3q General remarks of inspecting officers on method of mining etc.

There are 09 nos. of pits, 03 nos. of waste dump and 14 nos. of ore and sub grade stacks in the lease area. Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

#### 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 ore & OB, top soil- nil.	Mining is not under operation since 30.11.2011	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
4b	Location of topsoil, OB and mineral reject dumps	Dump no.-3, between grid 310S/920E to 310S/1100E & 110S/980E to 110S/1100E.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

4c	Number of dumps within lease area and outside of lease area	Dump no.-3, between grid 310S/920E to 310S/1100E & 110S/980E to 110S/1100E.	Nil.	There are 03 dump within the lease area. Dump no. 2- 110S/980E to 110S/1300E & 150N/950E to 300N/1100E, Dump no. 3- 310S/920E to 310S/1100E & 110S/980E to 110S/1100E, Dump no. 4- 300N/250E to 240N/240E & 320N/340E to 230N/400E.
4e	Number of active and alive dumps.	Dump no.-3, between grid 310S/920E to 310S/1100E & 110S/980E to 110S/1100E.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
4f	Number of dead dumps.	Not proposed.	Mining is not under operation since 30.11.2011	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
4g	Number of dumps established.	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining wall and garland drain arround sub grade dump and waste dump.	Nil.	Mining is not under operation since 30.11.2011

4i	Length of Retaining wall or garland drain all along dumps	Retaining wall Nil. of 400mX2mX1m.		Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
4j	Number of settling ponds	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
4k	Specific comments of inspecting officer on waste dump management		Mining is not under operation since 30.11.2011	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

---

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.	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

5b	Area under backfilling of mined out area	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
5d	Total area fully reclaimed and rehabilitated	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

---

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).	Not specified.	Annual return on PMCP has been submitted by lessee.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6b	Area available for rehabilitation (ha) .	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6c	afforestation done (ha).	0.50 ha area in south eastern side of ML area.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6d	No. of saplings planted during the year	3000 saplings for the year 2016-17.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6e	Cumulative no .of plants		Mining is not under operation since 30.11.2011. Total 13931 nos of trees have been planted by lessee in 5.017 ha area.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

6f	Any other method of rehabilitation	Not proposed.	Mining is not under operation since 30.11.2011	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6g	Cost incurred on watch and care during the year	Not specified.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	gradewise sorting.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanised.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.



7c	Different grade of mineral sorted out at mines.	+55%Fe & 55 to Nil. 45% Fe.		Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
7d	Any beneficiation process at mines .	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

---

**Environment :**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed.	Not applicable.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

8b	Concurrent use or storage of topsoil	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dump for OB & mineral reject.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	3000 nos. of saplings in 0.50ha area for the year 2016-17.	Nil.	Mining is not under operation since 30.11.2011. Total 13931 nos of trees have been planted by lessee in 5.017 ha area.

8g	Survival rate	Not specified.	Mining is not under operation since 30.11.2011.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
8h	Water sprinkling on roads to control airborne dust	Truck mounted movable water sprinkler.	Nil.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Mining is not under operation since 30.11.2011.	To maintain the aesthetic beauty lessee has total 13931 nos of trees planted in 5.017 ha lease area. Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Lessee has submitted the annual returns for the year 2006-17.	Lessee has submitted the annual returns for the year 2006-17.	Mining is not under operation since 30.11.2011 after lease expiry and as per order of Hon'ble Supreme Court of India W.P(C) no. 11/2014 dated 16/05/2014.

---

**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 :**

(DAYANAND UPADHYAY)

Indian Bureau of Mines