

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

**MCDR INSPECTION REPORT**

**Bhubaneshwar regional office**

**Mine file No :** ORI/IRON/KJR/MCDR-9/BBS

**Mine code :** 30ORI08003

- (i) Name of the Inspecting : **SRM** ) **SHRI SUDIP RANJAN MAZUMDAR**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Promod Kumar Dehury, Mines Manager  
Official with  
Designation
- (iv) Date of Inspection : 18/04/2018
- (v) Prev.inspection date : 05/07/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BALDA BLOCK**
- (b) **Registration NO.** : **IBM/5624/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : BALDA
- Taluka : BARBIL
- Post office : BALDA
- Pin Code : 758034
- FAX No. : (0674) 2301898
- E-mail : info@serajuddinmines.com
- Phone : 06767-73452
- (f) Police Station : BAMEBARI
- (g) First opening date : 02/06/1962
- (h) Weekly day of rest : MON
2. Address for : BALDA BLOCK IRON MINE. AT: BALDA  
correspondance PO: PALSAL, DIST; KEONJHAR  
PIN: 758034
3. (a) Lease Number : ORI0096
- (b) Lease area : 335.84
- (c) Period of lease : 20
- (d) Date of Expiry : 20/12/2017
4. Mineral worked : MANGANESE ORE Associated  
IRON ORE Main

## 5. Name and Address of the

Lessee : SERAJUDDIN & CO.  
 Balda Block Iron Mines  
 At/Po-Balda, P.S-Bamebari  
 Dist-Keonjhar, State-Odisha  
 KEONJHAR ORISSA  
 Phone:(033) 22315652  
 FAX : (0674)2301898

Owner : SERAJ YUSHA, JOINT MANAGING PARTNER  
 At-N-4/135, IRC Village,  
 Nayapalli. Bhubaneswer  
 Odisha KEONJHAR ORISSA  
 Phone: 9438887898  
 FAX : 0674-2301898

Agent : NIHAR RANJAN NAYAK  
 Balda Block Iron Mines  
 At/Po-Balda, P.S-Bamebari  
 Odisha KEONJHAR ORISSA  
 Phone: 9438887838  
 FAX : (0674)2301898

## Mining Engineer

Name : ANJAN KUMAR SAHOO, Full Time  
 Qualification : AMIE, FCC  
 Appointment/ : 21/09/2012  
 Termination date

## Geologist

Name : SAURAV KUMAR SAHOO, Full Time  
 Qualification : MSC GEOLOGY  
 Appointment/ : 08/10/2014  
 Termination date

## Manager

Name : P K DEHURY  
 Qualification : AMIE, FCC  
 Appointment/ : 21/09/2012  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	11/06/2004
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	04/02/2009
	:	Mining Scheme rule 12 MCDR1988	27/04/2012
	:	MP review under 17(1) MCR 2016	08/11/2016
	:	MP modif under 17(3) MCR 2016	17/07/2017

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	In the year 2017-18 it was proposed to drill 72 nos. of boreholes as per the review of mining plan approved on 08.11.2016.	Only two numbers of RC boreholes were drilled against the proposal of 72 Nos. of Boreholes.	Violation has been issued to lessee.
1b	Exploration over lease area for geological axis 1 or 2	A total of 72 boreholes have been proposed within remaining unexplored area at 100x200m grid interval to cover entire area under G1 and G2 level of exploration.	Lease area explored as per UNFC norms as on 10.05.2017 under G1 is 130.375 ha and under G2 is 46.24 Ha.	Lease area explored as per UNFC norms as on 10.05.2017 under G1 is 130.375 ha and under G2 is 46.24 Ha.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Proposed	Agency: M/s Thriveni Exploration Ltd; Expenditure: Rs 2.70 Lakhs.	Agency: M/s Thriveni Exploration Ltd; Expenditure: Rs 2.70 Lakhs.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Specified	Balance area to be explored under G1/G2 level of exploration is 115.519 Ha.	Balance area to be explored under G1/G2 level of exploration is 115.519 Ha.

1e	Balance reserve as on 01/04/20	Reserve as on 01.04.2017: Under 111 : 188383718 tonnes and 122 category: 42086000 tonnes resource as on 01.04.2017: under 211 category: 25949000 tonnes and 222 category: 26689000 tonnes	Production during 2017-18: 9016697 tonnes Remaining Reserve as on 01.04.2018: under 111 category 179367021 tonnes; under 122 category 42086000 tonnes Remaining Resource as on 01.04.2018: under 211: 25949000 tonnes; under 222 category: 26689000 tonnes	Production during 2017-18: 9016697 tonnes Remaining Reserve as on 01.04.2018: under 111 category 179367021 tonnes; under 122 category 42086000 tonnes Remaining Resource as on 01.04.2018: under 211: 25949000 tonnes; under 222 category: 26689000 tonnes
1f	General remarks of inspecting officers on geology, exploration etc	Not Proposed	Only 02 numbers of boreholes have been drilled in 2017-18 against the proposal of 72 boreholes to convert entire area under G1/G2 level of exploration. Remaining unexplored lease area is 115.519 Ha. Violation has been issued to lessee for non-compliance of exploration proposal.	Only 02 numbers of boreholes have been drilled in 2017-18 against the proposal of 72 boreholes to convert entire area under G1/G2 level of exploration. Remaining unexplored lease area is 115.519 Ha. Violation has been issued to lessee for non-compliance of exploration proposal.

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Development :

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Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	<p>Proposal for the period from 01.04.2017 to 02.12.2017: Block A: 2419200N to 2419610 N; 335150 E to 335490E Kalimati : 2420460 N to 2420770 N; 334680E to 335200 E Block F1: 2419700 N to 2420420N, 336350E to 335980E</p> <p>Proposal for the period from 03.12.2017 to 31.03.2018: Block A: 2424550N to 2420360N, 335150E to 334473E Block F1: 2419660N to 2420420N, 336480E to 335870E</p>	<p>Actual work done during the period from 01.04.2017 to 02.12.2017: Block A: 2419200N to 2419610 N; 335150 E to 335490E Kalimati : 2420460 N to 2420770 N; 334680E to 335200 E Block F1: 2419700 N to 2420420N, 336350E to 335980E</p> <p>Actual work done during the period from 03.12.2017 to 31.03.2018: Block A: Nil due to suspension of mining operation in broken up DLC forest land by DFO Keonjhar. Block F1: 2419660N to 2420420N, 336480E to 335870E</p>	<p>Actual work done during the period from 01.04.2017 to 02.12.2017: Block A: 2419200N to 2419610 N; 335150 E to 335490E Kalimati : 2420460 N to 2420770 N; 334680E to 335200 E Block F1: 2419700 N to 2420420N, 336350E to 335980E</p> <p>Actual work done during the period from 03.12.2017 to 31.03.2018: Block A: Nil due to suspension of mining operation in broken up DLC forest land by DFO Keonjhar. Block F1: 2419660N to 2420420N, 336480E to 335870E</p>
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No separate bench for top soil. Benches in Ore and OB to be mainted.	No benches in top soil. Separate benches in OB and ore maintained.	No benches in top soil. Separate benches in OB and ore maintained.
2c	Stripping ratio or ore to OB ratio	<p>Proposal from 01.04.2017 to 02.12.2017: 1:0.037 T/m3 and Proposal from 03.12.217 to 31.03.2018: 1:0.0263 T/m3</p>	<p>Actual stripping ratio from 01.04.2017 to 02.12.2017 was 1: 0.0517 and from 03.12.2017 to 31.03.2018 was 1:0.0127</p>	<p>Actual stripping ratio from 01.04.2017 to 02.12.2017 was 1: 0.0517 and from 03.12.2017 to 31.03.2018 was 1:0.0127</p>
2d	Quantity of topsoil generation in m3	Not Proposed	Nil	Nil

2e	Quantity of overburden generation in m3	From 01.04.2017 to 02.12.2017: 382375 m3 and from 03.12.2017 to 31.03.2018 is 131636.81 m3	Actual from 01.04.2017 to 02.12.2017 is 387786 m3 and from 03.12.2017 to 31.03.2018 is 19327.27 m3	Actual from 01.04.2017 to 02.12.2017 is 387786 m3 and from 03.12.2017 to 31.03.2018 is 19327.27 m3
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not Proposed	There was no top soil generation. Development was within the proposal. During the period 03.12.2017 to 31.03.2018, there was no development in Block A as mining operation was suspended by DFO keonjhar in the broken up DLC forest land. Due to discontinuance of mining operation for the period 03.12.2017 to 31.03.2018 the generation of overburden was less. Waste generation was only from Block F1.	There was no top soil generation. Development was within the proposal. During the period 03.12.2017 to 31.03.2018, there was no development in Block A as mining operation was suspended by DFO keonjhar in the broken up DLC forest land. Due to discontinuance of mining operation for the period 03.12.2017 to 31.03.2018 the generation of overburden was less. Waste generation was only from Block F1.

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Exploitation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	Proposal from 01.04.2017 to 02.12.2017: Block A, Kalimati pit and Block F1 Proposal from 03.12.2017 to 31.03.2018: Block A and Block F1	Actual during 01.04.2017 to 02.12.2017: Block A, Kalimati pit and Block F1 Actual during 03.12.2017 to 31.03.2018: Only Block F1	Mining operation in broken up DLC forest land in Block A was suspended by DFO Keonjhar.
3b	Quantity of ROM mineral production proposed	15.15 Million Ton	9.017 Million Ton	Nil
3c	Recovery of sailable/usable mineral from ROM production	Not Specified	100% recovery.	Mineral reject generated have been blended with high grade ROM.
3d	Quantity of mineral reject generation	1996729.00MT	The mineral reject generated have been blended with high grade ROM.	The mineral reject generated have been blended with high grade ROM.
3e	Grade of mineral rejects generation and threshold value declared.	Mineral reject : 45-55% Fe, Threshold value :+45% Fe	Mineral reject : 45-55% Fe, Threshold value :+45% Fe	Mineral reject : 45-55% Fe, Threshold value :+45% Fe
3f	Quantity of sub grade mineral generation.	1996729 Million tonnes	Nil. Mineral reject generated has been blended with high grade ROM.	Nil. Mineral reject generated has been blended with high grade ROM.
3g	Grade of sub grade mineral generation	+45-55% Fe	+45-55% Fe	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized Method	Mechanized Method	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Nil	Nil

3j	Provision of drilling and blasting in mineral benches	Yes	Yes	Nil
3k	Provision of mining machineries in mineral benches	Yes	Yes	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height: 10m and Bench Width: 15m	Bench Height and width has been maintained.	Bench Height and width has been maintained.
3m	Total area covered under excavation/pits	Area under excavation/pits at the end of 2016-17 under current (O/C) Workings: 110.162 Ha	Area under excavation/pits at the end of 2017-18 under current (O/C) Workings: 130.215 Ha	Data as per annual return 2016-17 and 2017-18
3n	Ore to OB ratio for the pit/mine during the year.	Proposal from 01.04.2017 to 02.12.2017: 1:0.037 T/m3 and Proposal from 03.12.2017 to 31.03.2018: 1:0.0263 T/m3	Actual stripping ratio from 01.04.2017 to 02.12.2017 was 1: 0.0517 and from 03.12.2017 to 31.03.2018 was 1:0.0127	Actual stripping ratio from 01.04.2017 to 02.12.2017 was 1: 0.0517 and from 03.12.2017 to 31.03.2018 was 1:0.0127
3o	Total area put in use under different heads at the end of year	Not Proposed	203.017 Ha as per data furnished in annual return for 2017-18	203.017 Ha as per data furnished in annual return for 2017-18
3p	Production of ROM mineral during the last five year period as applicable	Year Qty. (In Mt.) 2013-14 11.76 2014-15 12.75 2015-16 15.05 2016-17 15.16 2017-18 15.15	Year Qty. (In Mt.) 2013-14 8.270 2014-15 6.490 2015-16 10.290 2016-17 10.790 2017-18 9.017	Nil



3q	General remarks of inspecting officers on method of mining etc.	Not Proposed	Opencast method of mining practised. Pit put for production was as per proposal. ROM production was within the approved quantity. Mineral reject generated have been blended with high grade ROM.	Opencast method of mining practised. Pit put for production was as per proposal. ROM production was within the approved quantity. Mineral reject generated have been blended with high grade ROM.
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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)	No proposal for top soil generation. Separate dumping of OB and Mineral reject	Top soil generation was Nil. Mineral reject generated have been utilized by blended with high grade ROM. Separate dumping of overburden.	Nil

4b	Location of topsoil, OB and mineral reject dumps	<p>Top Soil generation proposed was nil.</p> <p>During the period 01.04.2017 to 02.12.2017, OB dumping was proposed in Block A between 2419595N to 2419134N and 335165E to 335473E and in Block F1 between coordinates 2420507N to 2420252N to 336003E to 336355E.</p> <p>During the period 03.12.2017 to 31.03.2018, OB dumping was proposed in BlockG between coordinates 2420608N to 2420508N and 334411E to 334479E and in Block F1 between coordinates 2420530N to 2420254N and 335980E to 336355E</p>	<p>Top Soil generation was nil.</p> <p>During the period 01.04.2017 to 02.12.2017, OB was dumped in Block A between 2419595N to 2419134N and 335165E to 335473E and in Block F1 between coordinates 2420507N to 2420252N to 336003E to 336355E.</p> <p>During the period 03.12.2017 to 31.03.2018, OB was dumped in Block F1 only.</p>	Nil
4c	Number of dumps within lease area and outside of lease area	Three dumps within the lease area	Three dumps within the lease area	Nil

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Block A : 2419595N to 2419134 N; 335165E to 335473E Block F1: 2420507N to 2420252N ; 336003E to 336355E Block G: 2420608N to 2420508N; 334411E to 334479E	Block A : 2419595N to 2419134 N; 335165E to 335473E Block F1: 2420507N to 2420252N ; 336003E to 336355E Dumping was not carried out in Block G due to discontinuance of mining operation for the period 03.12.2017 to 31.03.2018	Nil
4e	Number of active and alive dumps.	Three (03) numbers	Three (03) numbers, namely waste dump-1, waste dump-2 & waste dump-3	Nil
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Three numbers of dumps established, namely waste dump-1, waste dump-2 & waste dump-3	Three numbers of dumps established, namely waste dump-1, waste dump-2 & waste dump-3	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Proposal of Garland drain of 700m length and retaining wall of 610m.	Retaining wall and garland drain have not been maintained at places around waste dump-2.	Violation has been issued to lessee.
4i	Length of Retaining wall or garland drain all along dumps	Proposal of Garland drain of 700m length and retaining wall of 610m.	Concreting of Retaining wall and Garland drain of 405m has been done.	Nil
4j	Number of settling ponds	One settling tank nearby the proposed dump-Block G	Not done	Proposed waste dump in Block G was not created due to discontinuation of mining operation from 03.12.2017 till 31.03.2018.

4k	Specific comments of inspecting officer on waste dump management	Not Proposed	There was no generation of top soil. Three number of OB dumps are present within the lease area. Concreting of existing retaining wall and garland drain of 405 m have been done in 2017-18. Lessee has been intimated through violation letter for non-maintenance of retaining wall and garland drain around dump.	Nil
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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.	Not Proposed	Nil	Nil
5b	Area under backfilling of mined out area	Not Proposed	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Proposed	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	Not Porposed	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not Proposed	There was no proposal on reclamation by backfilling and there was no reclamation work done.	Nil

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Not Proposed	Annual return on PMCP for 2017-18 has been submitted.	Annual return on PMCP for 2017-18 has been submitted.
6b	Area available for rehabilitation (ha) .	Not Proposed	Nil	Nil
6c	afforestation done (ha).	Not Proposed	Gap plantation over safety zone, dump-3 etc around 1.60 Ha	Nil
6d	No. of saplings planted during the year	Nil	Number of trees planted during the year within lease area was 8121 nos.	Data as furnished in annual return for 2017-18
6e	Cumulative no .of plants	Not Specified	Cummulative plantation as on 2017-18 is 65616 nos.	Data as mentioned in annual return for PMCP for 2017-18.
6f	Any other method of rehabilitation	Not Proposed	Nil	Nil
6g	Cost incurred on watch and care during the year	Not Proposed	Rs 198900.00	Data as furnished in annual return for PMCP for 2017-18
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not Proposed	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposed	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Not Proposed	Nil	Nil

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposed	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Proposed	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Not Proposed	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not Proposed	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Proposed	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	The company shall continue to monitor all the relevant monitoring paramters.The monitoring stations with respectto air quality, noise quality , water quality monitoring has been identified in both core and buffer zone.	The frequency of monitoring ahs been doen quaterly.	The frequency of monitoring ahs been doen quaterly.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not Proposed	Compliance on PMCP is done as per proposal.	Compliance on PMCP is done as per proposal.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not Specified	Grade-wise despatches (dispatch from mine head in tonnes) of Processed ore( IRON ORE (Hematite) (i) Lumps (Grades (% of Fe content) (a) 58% to below 60% : 156145.650 (b) 62% to below 65% : 2322659.850 (ii) Fines (Grades (% of Fe content) (a) 62% to below 65% : 5499185.660	Data as per annual return 2017-18
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	Nil
7c	Different grade of mineral sorted out at mines.	Not Specified	Grade-wise production of Processed ore( IRON ORE (Hematite) (i) Lumps (Grades (% of Fe content): 58% to below 60% and 62% to below 65% (ii) Fines (Grades (% of Fe content): 55% to below 58% and 62% to below 65%	Data as per annual return 2017-18

7d	Any beneficiation process at mines .	Wet beneficiation is not proposed. Processing of ROM and mineral rejects shall be done by dry crsuhing and screening method.	Only dry processing and screening of ROM is done. There is no wet beneficiation process adopted/implemented in mines.	Only dry processing and screening of ROM is done. There is no wet beneficiation process adopted/implemente d in mines.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not Proposed	There is no wet beneficiation method in plac ein mines. Processing of ROM and mineral reject is done through dry processing and screening. Mineral reject generated has been blended with high grade ROM. Hence, there is no generation of mineral reject separately.	There is no wet beneficiation method in plac ein mines. Processing of ROM and mineral reject is done through dry processing and screening. Mineral reject generated has been blended with high grade ROM. Hence, there is no generation of mineral reject separately.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Proposed	Nil	Nil
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	Nil



8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping overburden, mineral reject and fines stack	Mineral reject generated has been blended with high grade ROM. Overburden material generated has been dumped in waste dump in Block A and Block F1 as per proposal. Separate stacks of fines maintained.	Mineral reject generated has been blended with high grade ROM. Overburden material generated has been dumped in waste dump in Block A and Block F1 as per proposal. Separate stacks of fines maintained.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not Proposed	Number of trees planted during the year 2017-18 within the lease area was 8121 nos.	Data as per annual return 2017-18
8g	Survival rate	Not proposed	95% within the lease area	Data as per annual return 2017-18
8h	Water sprinkling on roads to control airborne dust	Regular water spraying on haul roads, waste dumps and maintaining approach roads, to suppress dust.	Water sprinkling is done by mobile water sprinklers as well as by fixed water sprinkling system.	Water sprinkling is done by mobile water sprinklers as well as by fixed water sprinkling system.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not Proposed	Aesthetic beauty in and around mines is maintained.	Aesthetic beauty in and around mines is maintained.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual retun for 2017-18 has been submitted. Monthly return till september '18 has been submitted.	Annual retun for 2017-18 has been submitted. Monthly return till september '18 has been submitted.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Graduate Mining Engineer: 14 Diploma Mining Engineer:2 Geologist:2	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Already exploited & abandoned by opencast (O/C) mining: Nil (ii) Covered under current (O/C) workings: 130.215 Ha (iii) Reclaimed/Rehabilitated: Nil (iv) Used for waste disposal: 8.910 Ha (v) Occupied by plant, buildings, residential, welfare buildings & roads: 13.881 Ha (vi) Other Purpose (Subgrade Dump & Safety Zone): 50.011 Ha	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18
9d	Scrutiny of Annual return on afforestation	(i) Number of trees planted during the year within the lease area 8121 Nos (ii) Number of trees planted during the year outside the lease area 5000 Nos	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mineral reject Generation is Nil	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing Stock of ROM is 27392.560 tonnes	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-mine price (in Rs. Per Tonne) Lumps (Grades (% of Fe content) (i) 58% to below 60%: Rs 1302.00 (ii) 62% to below 65%: Rs 2126.00  Fines (Grades (% of Fe content) (i) 55% to below 58%: Rs 1200.00 (ii) 62% to below 65%: Rs 1166.00	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18
9h	Scrutiny of Annual return on fixed assets	Value of Fixed Assets (in Rs .) 583249498 (in respect of the mine, beneficiation plant, mine work-shop, power and water installation)	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18
9k	Scrutiny of Annual return on mining machineries	Dumper (100 Tonne) : 12 Nos Dumper (85 Tonne) : 8 Nos Dumper (50 Tonne) : 4 Nos Dumper (40 Tonne) : 8 Nos Dumper (31 Tonne) : 3 Nos DOZER (324 HP): 2 Nos etc.	Data as furnished in annual return for 2017-18	Data as furnished in annual return for 2017-18

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**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
MCDR17	Rule 12(4)	10/05/2018	31/08/2018				
MCDR17	Rule 37(2)	10/05/2018	31/08/2018				
MCDR17	Rule 11(1)	10/05/2018	31/08/2018				

**Date :**

(SHRI SUDIP RANJAN MAZUMDAR)

Indian Bureau of Mines