

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON-MN/SNG/MCDR-11/BBS

Mine code : 30ORI13073

- (i) Name of the Inspecting : **SKM1**) **SANJIB KUMAR MOHAPATRA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri Abani Kumar Dash, Geologist
Official with
Designation
- (iv) Date of Inspection : 09/04/2022
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NADIDIHI IRON AND MANGANE**
- (b) **Registration NO.** : **IBM/329/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : SUNDARGARH
- Village : NADISIRA
- Taluka : KOIRA
- Post office : KOIRA
- Pin Code : 770048
- FAX No. :
- E-mail : navnath.vhatte@vedanta.co.
- Phone :
- (f) Police Station : KOIRA
- (g) First opening date : 26/11/2021
- (h) Weekly day of rest : SUN
2. Address for : AT- SIYALJORI, PO-JOGIDIH,
correspondance BOKARO, JHARKHAND
828303
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : ESL STEEL LTD
SIYALJORI PO- JOGIDIH PO-
BANGARIA, BOKARO SREEL CITY
KHUNTI JHARKHAND
Phone:08651102477
FAX :

Owner : NAVNATH LAXAMAN VHATTE
AT- SIYALJORI PO- JOGIDIH
TALUK BOKARO JHARKHAND
Phone:
FAX :

Agent : SHRI TANMOY GHOSAL
SIYALJORI JOGIDIH JHARKHAND
SUNDARGARH ORISSA
Phone: 9307019758
FAX :

Mining Engineer

Name : VIVEK SAMBREKAR, Full Time
Qualification : DIPLOMA IN MINING ENGG
Appointment/ : 20/01/2022
Termination date

Geologist

Name : ABANI KUMAR DASH, Full Time
Qualification : M. PHIL GEOLOGY
Appointment/ : 20/01/2022
Termination date

Manager

Name : SANDEEP NAIK
Qualification : B TECH MINING
Appointment/ : 01/12/2021
Termination date

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no backlog of previous year will not arise.
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil, As per geological report, G1= 88.384 Ha, G2= 21.638 Ha. and area to be explored= 7.184Ha. Total lease area= 117.206 Ha.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.

1e	Balance reserve as on 01/04/20	Nil	As on 18727095 tons 26.11.2021	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced till 31.03.2021.
1f	General remarks of inspecting officers on geology, exploration etc		This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced till 31.03.2021 no exploration was carried out during the said period.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced till 31.03.2021 no exploration was carried out during the said period.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Nil	319430E to 319950E 2429550N to 2429850 N	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.

2b	Separate benches Nil in topsoil, overburden and minerals (Rule 15)	Type No. of Benches North Pit: Topsoil Nil Overburden 8 Nos. Mineral 5 Nos. South pit: Topsoil Nil Overburden 7 Nos. Mineral 6 Nos.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lesee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
2c	Stripping ratio Nil or ore to OB ratio	1:0.073	This mine is an Auction Block. Mine is opened since 26.11.2021. Lesee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
2d	Quantity of Nil topsoil generation in m3	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lesee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
2e	Quantity of Nil overburden generation in m3	17232 cum.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lesee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. The lessee has produced 236018 tons of ore and 17232 cum of waste has been generated from the mine till 31.03.2021.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. The lessee has produced 236018 tons of ore and 17232 cum of waste has been generated from the mine till 31.03.2021.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Nil	There are two working pits already existing with thin the lease area by the previous lessee. during the reporting year the present lessee has carried out only leveling work to give a proper shape of the existing quarry benches and stack pile area.	There are two working pits already existing with thin the lease area by the previous lessee. during the reporting year the present lessee has carried out only leveling work to give a proper shape of the existing quarry benches and stack pile area.

3b	Quantity of ROM mineral production proposed	Nil	236018 tons.	There are two working pits already existing with thin the lease area by the previous lessee. during the reporting year the present lesee has carried out only leveling work to give a proper shape of the existing quarry benches and stack pile area and produced 236018 tons till 31.03.2022.
3c	Recovery of sailable/usable mineral from ROM production		Out of the 236018 tons of ROM 209736 tons were feed to mobile screen plant, out of which 32886 tone of lumps and 176850 tons of fines of saleable grade were generated till 31.03.2022.	Out of the 236018 tons of ROM 209736 tons were feed to mobile screen plant, out of which 32886 tone of lumps and 176850 tons of fines of saleable grade were generated till 31.03.2022.
3d	Quantity of mineral reject generation	Nil	Nil	There are two working pits already existing with thin the lease area by the previous lessee. during the reporting year the present lesee has carried out only leveling work to give a proper shape of the existing quarry benches and stack pile area and generation of mineral reject was nil during that period i.e. till 31.03.2022.

3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	There are two working pits already existing with thin the lease area by the previous lessee. during the reporting year the present lesee has carried out only leveling work to give a proper shape of the existing quarry benches and stack pile area and generation of mineral reject was nil during that period i.e. till 31.03.2022.
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Mechanized	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lesee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.

3j	Provision of drilling and blasting in mineral benches	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced till 31.03.2021 without any drilling and blasting.
3k	Provision of mining machineries in mineral benches	Nil	Excavator: 2 Nos (2.1cum) Dumper: 6 Nos (35tonnes)	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced till 31.03.2021.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	Height-9m Width-9m	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced till 31.03.2021.

3m	Total area covered under excavation/pits	Nil	36.752 Ha	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and existing pits under excavation is about 36.752 ha till 31.03.2021.
3n	Ore to OB ratio for the pit/mine during the year.	Nil	1:0.073	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced at stripping ratio of 1:0.073 till 31.03.2021.
3o	Total area put in use under different heads at the end of year	Nil	Pit- 36.752 ha Dump- 20.478 ha Infrasture- 0.657 ha Road- 2.041 ha	Pit- 36.752 ha Dump- 20.478 ha Infrasture- 0.657 ha Road- 2.041 ha

3p	Production of ROM mineral during the last five year period as applicable	NA	2021-22 :- 236018 tons	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22 and 236018 tons of ore has been produced at stripping ratio of 1:0.073 till 31.03.2021.
3q	General remarks of inspecting officers on method of mining etc.		This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. A total of 236018 tons of ore has been produced by leveling work to give a proper shape of the existing quarry benches and stack pile area at stripping ratio of 1:0.073 and existing pits under excavation is about 36.752 ha till 31.03.2021.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. A total of 236018 tons of ore has been produced by leveling work to give a proper shape of the existing quarry benches and stack pile area at stripping ratio of 1:0.073 and existing pits under excavation is about 36.752 ha till 31.03.2021.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. the lessee has carried out dumping of OB over the existing OB dump area of the previous lesse and there was no generation of top soil and mineral reject till 31.03.2021.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. the lessee has carried out dumping of OB over the existing OB dump area of the previous lesse and there was no generation of top soil and mineral reject till 31.03.2021.
4b	Location of topsoil, OB and mineral reject dumps	Nil	OB Dump: 2430450N-243550N/319900E-320100E	OB Dump: 2430450N-243550N/319900E-320100E
4c	Number of dumps within lease area and outside of lease area	Nil	1 No. dump present within the lease area.	1 No. dump present within the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Out side of the UPL as per the submitted draft mining plan.	Out side of the UPL as per the submitted draft mining plan.
4e	Number of active and alive dumps.	Nil	1 No as per the submitted draft mining plan.	1 No as per the submitted draft mining plan.
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Retaining wall : 1400m Garlang drain: 900m already exists around the waste dump.	Retaining wall : 1400m Garlang drain: 900m already exists around the waste dump.

4i	Length of Retaining wall or garland drain all along dumps	Nil	Retaining wall : 1400m Garlang drain: 900m already exists around the waste dump.	Retaining wall : 1400m Garlang drain: 900m already exists around the waste dump.
4j	Number of settling ponds	Nil	4 Nos. existing within the lease area.	4 Nos. existing within the lease area.
4k	Specific comments of inspecting officer on waste dump management		This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. 1 no of dump exist within the lease area and about 1400m of retaining wall and 900m of garland drain already exist within the lease area.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22. 1 no of dump exist within the lease area and about 1400m of retaining wall and 900m of garland drain already exist within the lease area.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.

5b	Area under backfilling of mined out area	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.
5e	General remarks of inspecting officers on backfilling and reclamation etc.		This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence there was no proposal for FY 2021-22.

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).	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6b	Area available for rehabilitation (ha) .	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6c	afforestation done (ha).	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6d	No. of saplings planted during the year	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.

6e	Cumulative no .of plants	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6f	Any other method of rehabilitation	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6g	Cost incurred on watch and care during the year	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil	Environmental monitoring is being carried out the lessee within the core and buffer zone of the mining lease area.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, environmental monitoring is being carried out the lessee within the core and buffer zone of the mining lease area.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, environmental monitoring is being carried out the lessee within the core and buffer zone of the mining lease area.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, environmental monitoring is being carried out the lessee within the core and buffer zone of the mining lease area.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	Grade of 58-60 % Fe content of fines & lumps is sorting carried out within lease area.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However,Grade of 58-60 % Fe content of fines & lumps is sorting carried out within lease area.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	Mechanized	Mechanized
7c	Different grade of mineral sorted out at mines.	Nil	58% Fe to 60 % Fe	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However,Grade of 58-60 % Fe content of fines & lumps is sorting carried out within lease area.

7d	Any beneficiation process at mines .	Nil	Only dry beneficiation is being practiced through mobile screening plants.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, only dry beneficiation is being practiced through mobile screening plants.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, only dry beneficiation is being practiced through mobile screening plants.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, only dry beneficiation is being practiced through mobile screening plants.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, generation of topsoil is nil during the reporting period.

8b	Concurrent use or storage of topsoil	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, generation of topsoil is nil during the reporting period.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Yes carried out.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.However, separate dumping of waste, rejects and fines are being practiced.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22.

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	Lesee has watch and care of the existing plantation within the lease area planted by the previous lessee prior to the auction.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lesee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22. However, lesee has watch and care of the existing plantation within the lease area planted by the previous lessee prior to the auction.
8g	Survival rate	Nil	Nil	This mine is an Auction Block. Mine is opened since 26.11.2021. Lesee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22. However, lesee has watch and care of the existing plantation within the lease area planted by the previous lessee prior to the auction.

8h	Water sprinkling Nil on roads to control airborne dust	Water sprinkling on hual roads are carried out by using 16Kl water tanker.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22. However, water sprinkling on hual roads are carried out by using 16Kl water tanker.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22. However, lesee has watch and care of the existing plantation within the lease area planted by the previous lessee prior to the auction and water sprinkling on hual roads are carried out by using 16KL water tanker.	This mine is an Auction Block. Mine is opened since 26.11.2021. Lessee has submitted draft mining plan on 01.04.2022 . Hence no proposal for 2021-22. However, lesee has watch and care of the existing plantation within the lease area planted by the previous lessee prior to the auction and water sprinkling on hual roads are carried out by using 16KL water tanker.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Annual return is due for submission. Monthly returns are being submitted in hard copies due to some technical reason the same could not be submitted online.	Annual return is due for submission. Monthly returns are being submitted in hard copies due to some technical reason the same could not be submitted online.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.
9d	Scrutiny of Annual return on afforestation	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.

9h	Scrutiny of Annual return on fixed assets	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.
9k	Scrutiny of Annual return on mining machineries	Annual return is due for submission and not submitted till the date of inspection.	Annual return is due for submission and not submitted till the date of inspection.

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 :

(**SANJIB KUMAR MOHAPATRA**)

Indian Bureau of Mines