

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/MN/SNG/MCDR-15/BBS

Mine code : 40ORI13046

- (i) Name of the Inspecting : **U11**) **DAYANAND UPADHYAY**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Pradeep Mohapatra, Qualified person
Official with
Designation
- (iv) Date of Inspection : 22/01/2020
- (v) Prev.inspection date : 16/04/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NUAGAON**
- (b) **Registration NO.** : **IBM/6309/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : SUNDARGARH
- Village : NUAGOAN
- Taluka : BONAI
- Post office : KOIRA
- Pin Code :
- FAX No. : 06767-275520
- E-mail : sahuo_ore@yahoo.co.in
- Phone : 06767-275795, 275896
- (f) Police Station : Koira
- (g) First opening date : 26/03/1992
- (h) Weekly day of rest : SAT
2. Address for : VILL. NUAGAON, PO&POLICE STATION: KOIRA
correspondance DIST. SUNDERGARH
ORISSA
3. (a) Lease Number : ORI0130
- (b) Lease area : 7.35
- (c) Period of lease : 20
- (d) Date of Expiry : 25/02/2000
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : TARANI MINERALS
 BONEIKALA JODA KEONJHAR
 ORISSA
 Phone:72304
 FAX :72304

Owner : TARANI MINERALS(P) LTD
 BONEIKALA JODA KEONJHAR
 ORISSA
 Phone: 72304
 FAX : 72304

Agent : PROMADA KUMAR SATPATHY
 C/O TARINI MINERALS STATION
 ROAD, BARBIL ORISSA
 KEONJHAR ORISSA
 Phone: 06767-75896
 FAX : 06767-75896

Mining Engineer

Name : BIDU BHUSAN SAHOO,Full Time
 Qualification : AMIE MINING
 Appointment/ : 25/08/2002
 Termination date

Geologist

Name : P.K.PARIDA,Full Time
 Qualification : M.Sc (GEOLOGY)
 Appointment/ :
 Termination date

Manager

Name : CHATRU BHUJA SAHOO
 Qualification : DME(MINING)
 Appointment/ : 06/03/2001
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	17/06/2004
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	19/01/2011

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
1b	Exploration over lease area for geological axis 1 or 2	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

1e	Balance reserve as on 01/04/20	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
1f	General remarks of inspecting officers on geology, exploration etc	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
2c	Stripping ratio or ore to OB ratio	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
2d	Quantity of topsoil generation in m ³	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
2e	Quantity of overburden generation in m ³	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3b	Quantity of ROM mineral production proposed	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

3c	Recovery of sailable/usable mineral from ROM production	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3d	Quantity of mineral reject generation	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3e	Grade of mineral rejects generation and threshold value declared.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3f	Quantity of sub grade mineral generation.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

3g	Grade of sub grade mineral generation	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3j	Provision of drilling and blasting in mineral benches	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

3k	Provision of mining machineries in mineral benches	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3m	Total area covered under excavation/pits	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

3o	Total area put in use under different heads at the end of year	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3p	Production of ROM mineral during the last five year period as applicable	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
3q	General remarks of inspecting officers on method of mining etc.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4b	Location of topsoil, OB and mineral reject dumps	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4c	Number of dumps within lease area and outside of lease area	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

4e	Number of active and alive dumps.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4f	Number of dead dumps.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4g	Number of dumps established.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

4i	Length of Retaining wall or garland drain all along dumps	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4j	Number of settling ponds	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
4k	Specific comments of inspecting officer on waste dump management	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
5b	Area under backfilling of mined out area	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
5d	Total area fully reclaimed and rehabilitated	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6b	Area available for rehabilitation (ha) .	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

6c	afforestation done (ha).	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6d	No. of saplings planted during the year	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6e	Cumulative no .of plants	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6f	Any other method of rehabilitation	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

6g	Cost incurred on watch and care during the year	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
7c	Different grade of mineral sorted out at mines.	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
7d	Any beneficiation process at mines .	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
8b	Concurrent use or storage of topsoil	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

8g	Survival rate	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
8h	Water sprinkling on roads to control airborne dust	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No valid proposal.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.	Mining operation is suspended by DDM, Koira vide letter no. 22169, dated 08/12/2019 and further lease is declared lapsed by State Govt. vide letter no. 83/ S&M, Bhubaneswar, dated 03/01/2014.
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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 :

(DAYANAND UPADHYAY)

Indian Bureau of Mines