

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/SNG/MCDR-24/BBS

Mine code : 30ORI13058

- (i) Name of the Inspecting : **U11**) **DAYANAND UPADHYAY**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : P.K. Mohanta, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 20/09/2018
- (v) Prev.inspection date : 08/08/2010

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RANTHA BLOCK IRON MINE (4**
- (b) **Registration NO.** :
- (c) Category : A Other Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ORISSA
District : SUNDARGARH
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 0674-23696889
E-mail : info@orissamineral.com
Phone : 06767-275225
- (f) Police Station : Barsuan
- (g) First opening date : 31/12/1968
- (h) Weekly day of rest : SUN
2. Address for : M/s OMC LTD.
correspondance : OMC HOUSE
BHUBANESWAR
3. (a) Lease Number : ORI0039
(b) Lease area : 408.87
(c) Period of lease :
(d) Date of Expiry : 30/12/2038
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : M/S Orissa Mining Corporation Ltd
P.O.NO.34 OMC House
Bhubaneswar KHURDA ORISSA
Phone:
FAX :

Owner : m/s ORISSA MINING CORPORATION LTD
OMC HOUSE P.B.No.34
BHUBNESHWAR ORISSA
Phone: 2393431
FAX : 2391629

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	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
1b	Exploration over lease area for geological axis 1 or 2	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

1e	Balance reserve as on 01/04/20	No valid proposal.	The reserve/resources as per scheme of mining approved on 12/03/2009 was proved category- 11565900T & Probable category- 4668840T.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.
1f	General remarks of inspecting officers on geology, exploration etc	No valid proposal.	Earlier about 345.34 ha of ML area has been explored under G1/G2 level of exploration by putting 101 nos. of core drilles of total meterage of 3249.95m.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

2c	Stripping ratio or ore to OB ratio	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.
2d	Quantity of topsoil generation in m3	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.

2e	Quantity of overburden generation in m3	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No valid proposal.	Three small gurrries exist in the lease area. The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
3b	Quantity of ROM mineral production proposed	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

3c	Recovery of sailable/usable mineral from ROM production	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
3d	Quantity of mineral reject generation	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

3e	Grade of mineral rejects generation and threshold value declared.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
3f	Quantity of sub grade mineral generation.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

3g	Grade of sub grade mineral generation	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

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| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects. | No valid proposal. | Nil. | The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018. |
| 3j | Provision of drilling and blasting in mineral benches | No valid proposal. | Nil. | The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018. |

3k	Provision of mining machineries in mineral benches	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

3m	Total area covered under excavation/pits	No valid proposal.	Total area covered under old working pits is about 3.15 ha. The mines is closed since 1987 due to want of forest clearance.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

3o	Total area put in use under different heads at the end of year	No valid proposal.	Area covered under old pits- 3.15 ha, dump- 0.992 ha. roads-1.16 ha, infrstructure-3.404ha.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
3p	Production of ROM mineral during the last five year period as applicable	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

3q	General remarks of inspecting officers on method of mining etc.	No valid proposal.	Three small qurries exist in the lease area. The mines is closed since 1987 due to want of forest clearance.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
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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.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
4b	Location of topsoil, OB and mineral reject dumps	No valid proposal.	The mines is closed since 1987 due to want of forest clearance. There is 02 old dump in the lease area i.e Dump-A near quarry-land Dump-B near quarry-2.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

4c	Number of dumps within lease area and outside of lease area	No valid proposal.	The mines is closed since 1987 due to want of forest clearance. There is 02 old dump in the lease area i.e Dump-A and Dump-B.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposal.	The mines is closed since 1987 due to want of forest clearance. There is 02 old dump in the lease area i.e Dump-A near quarry-land Dump-B near quarry-2.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

4e	Number of active and alive dumps. No valid proposal.	The mines is closed since 1987 due to want of forest clearance. There is 02 old dump in the lease area i.e Dump-A near quarry-land Dump-B near quarry-2.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
4f	Number of dead dumps. No valid proposal.	The mines is closed since 1987 due to want of forest clearance. There is 02 old dump in the lease area i.e Dump-A, near quarry-land Dump-B, near quarry-2.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

4g	Number of dumps established.	No valid proposal.	The mines is closed since 1987 due to want of forest clearance. There is 02 old dump in the lease area i.e Dump-A near quarry-land Dump-B near quarry-2. Both thre dumps are naturally vegetated by local species.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

4i	Length of Retaining wall or garland drain all along dumps	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
4j	Number of settling ponds	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

4k	Specific comments of inspecting officer on waste dump management	No valid proposal.	The mines is closed since 1987 due to want of forest clearance. There is 02 old dump in the lease area i.e Dump-A near quarry-land Dump-B near quarry-2. Both thre dumps are naturally vegetated by local species.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
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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.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
5b	Area under backfilling of mined out area	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
5d	Total area fully reclaimed and rehabilitated	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
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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).	No valid proposal.	Not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
6b	Area available for rehabilitation (ha) .	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.

6c	afforestation done (ha).	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.
6d	No. of saplings planted during the year	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.

6e	Cumulative no .of plants	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.
6f	Any other method of rehabilitation	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.

6g	Cost incurred on watch and care during the year	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
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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.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

7c	Different grade of mineral sorted out at mines.	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
7d	Any beneficiation process at mines .	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
8b	Concurrent use or storage of topsoil	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

8g	Survival rate	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
8h	Water sprinkling on roads to control airborne dust	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No valid proposal.	Nil.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BS, dated 13/09/2018.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	AR not submitted.	AR not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	AR not submitted.	AR not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

- 9c Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. AR not submitted. AR not submitted. The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
- 9d Scrutiny of Annual return on afforestation AR not submitted. AR not submitted. The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	AR not submitted.	AR not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	AR not submitted.	AR not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	AR not submitted.	AR not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.
9h	Scrutiny of Annual return on fixed assets	AR not submitted.	AR not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR-24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H-11020/2/TF/2016/BB S, dated 13/09/2018.

9k	Scrutiny of Annual return on mining machineries	AR not submitted.	AR not submitted.	The mines is closed since 1987 due to want of forest clearance. This office has suspended the mining operation due to no valid excavation proposal in the form of MP/RMP vide letter no. ORI/IRON/SNG/MCDR- 24/BBS, dated 1711/2017. Further this office has recommended to State Govt. for determination of lease vide letter no. H- 11020/2/TF/2016/BB S, dated 13/09/2018.
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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

Date :

(DAYANAND UPADHYAY)

Indian Bureau of Mines