

INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/CR/JJP/MCDR-17/BBS

Mine code : 11ORI19026

- (i) Name of the Inspecting : SRM) SHRI SUDIP RANJAN MAZUMDAR
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sri A. P Mohapatra, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 27/07/2020
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) Mine Name : SARUABIL SUKRANGI
- (b) Registration NO. : IBM/4269/2011
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :
State : ORISSA
District : JAJPUR
Village : Sukurangi
Taluka : Sukinda
Post office :
Pin Code : 755028
FAX No. : 0674 2396889
E-mail : planningcellomc@gmail.com
Phone : 0674 2377400
- (f) Police Station : KALIAPANI
- (g) First opening date : 29/01/1981
- (h) Weekly day of rest : SUN
2. Address for : SARUABIL
correspondance : JAJPUR
3. (a) Lease Number :
(b) Lease area : 23.243 Ha
(c) Period of lease :
(d) Date of Expiry :

4. Mineral worked : Govt. of Odisha, Steel & Mines, Dept, vide order NO .
111 (CR)SM -04/2015 SI2 /SM, BBSR dated 19.01.16
has extended the validity of lease period to
28.01.2031 subject to execution of supplementary
lease deed.

5. Name and Address of the

Lessee : M/S ODISHA MINING CORPORATION LTD
OMC HOUSE POST BOX NO. 34
BHUBANESWAR, ODISHA KHURDA
ORISSA
Phone:0674 2399937
FAX :0674-2391629

Owner : M/S ODISHA MINING CORPORATION LTD
OMC HOUSE POST BOX NO-34
BHUBANESWAR, ODISHA KHURDA
ORISSA
Phone: 0674 2399937
FAX : 0674 2391629

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 21/03/2012
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	No mining operation has been carried out since inception of the ML area
1b	Exploration over lease area for geological axis 1 or 2	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area
1e	Balance reserve as on 01/04/20	As per scheme of mining approved dated 21.03.2012, reserve under 121 category of UNFC is 218220 tones and resources under 221 is 207540 tones, under 222 category is 28080 tones and under 332 category is 121200 tones.	As per scheme of mining approved dated 21.03.2012, reserve under 121 category of UNFC is 218220 tones and resources under 221 is 207540 tones, under 222 category is 28080 tones and under 332 category is 121200 tones.	No mining operation has been carried out since inception of the ML area.
1f	General remarks of inspecting officers on geology, exploration etc	No Valid Proposal	Nil. No mining operation has been carried out since inception of the ML area.	No mining operation has been carried out since inception of the ML area.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
2c	Stripping ratio or ore to OB ratio	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
2d	Quantity of topsoil generation in m3	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
2e	Quantity of overburden generation in m3	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

3b	Quantity of ROM mineral production proposed	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3c	Recovery of sailable/usable mineral from ROM production	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3d	Quantity of mineral reject generation	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3e	Grade of mineral rejects generation and threshold value declared.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3f	Quantity of sub grade mineral generation.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3g	Grade of sub grade mineral generation	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3h	Manual / Mechanised method adopted for segregating from ROM	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3j	Provision of drilling and blasting in mineral benches	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

3k	Provision of mining machineries in mineral benches	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3m	Total area covered under excavation/pits	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3n	Ore to OB ratio for the pit/mine during the year.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3o	Total area put in use under different heads at the end of year	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
3p	Production of ROM mineral during the last five year period as applicable	2014-15: 25056 tones 2015-16: 25056 tones 2016-17: No Valid Proposal 2017-18: No Valid Proposal 2018-19: No Valid Proposal	2014-15: Nil 2015-16: Nil 2016-17: Nil 2017-18: Nil 2018-19: Nil	No mining operation has been carried out since inception of the ML area.
3q	General remarks of inspecting officers on method of mining etc.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

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. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4b	Location of topsoil, OB and mineral reject dumps	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4c	Number of dumps within lease area and outside of lease area	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4e	Number of active and alive dumps.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4f	Number of dead dumps.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4g	Number of dumps established.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4h	Whether Retaining wall or garland drain all along dumps are there.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4i	Length of Retaining wall or garland drain all along dumps	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

4j	Number of settling ponds	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
4k	Specific comments of inspecting officer on waste dump management	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
5b	Area under backfilling of mined out area	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
5d	Total area fully reclaimed and rehabilitated	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

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).	Annual report on PMCP to be submitted as per Rule 26 (2) of MCDR, 2017	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
6b	Area available for rehabilitation (ha) .	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6c	afforestation done (ha).	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6d	No. of saplings planted during the year	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6e	Cumulative no .of plants	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6f	Any other method of rehabilitation	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6g	Cost incurred on watch and care during the year	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.

6p	Compliance of environmental monitoring (core zone and buffer zone)	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
7c	Different grade of mineral sorted out at mines.	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
7d	Any beneficiation process at mines	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.

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. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
8b	Concurrent use or storage of topsoil	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
8g	Survival rate	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.
8h	Water sprinkling on roads to control airborne dust	No Valid Proposal	Nil	No mining operation has been carried out since inception of the ML area.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No Valid Proposal	Nil. Mines not in operation since inception	No mining operation has been carried out since inception of the ML area.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	As per rule 45 (5) (C) of MCDR 2017, an annual return which shall be submitted before the 1st day of July each year for the preceding financial year in electronic form, along with a signed print copy of the same if it is not digitally signed.	Not Submitted	No mining operation has been carried out since inception of the ML area.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Submitted	Nil	No mining operation has been carried out since inception of the ML area.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Submitted	Nil	No mining operation has been carried out since inception of the ML area.
9d	Scrutiny of Annual return on afforestation	Not Submitted	Not Submitted	No mining operation has been carried out since inception of the ML area.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Submitted	Nil	No mining operation has been carried out since inception of the ML area.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Submitted	Nil	No mining operation has been carried out since inception of the ML area.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Submitted	Nil	No mining operation has been carried out since inception of the ML area.
9h	Scrutiny of Annual return on fixed assets	Not Submitted	Nil	No mining operation has been carried out since inception of the ML area.
9k	Scrutiny of Annual return on mining machineries	Not Submitted	Nil	No mining operation has been carried out since inception of the ML area.

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 : 15/9/21

Senasundar
(SHRI SUDIP RANJAN MAZUMDAR) 15/9/21

Indian Bureau of Mines