

MCDR INSPECTION REPORT

1) Name of Inspecting officer from IBM:	Shri Sudip Ranjan Mazumdar
2) Designation	Senior Mining Geologist
3) Accompanying mine official with designation	Shri S.K.Kar, Qualified Person Shri R. Mohanty, Qualified Person
4) Date of Inspection	29.01.2019

Part-I: General Information

1.	Particulars	Details			
(a)	Name of the Mine	Malipada Gemstone(Ruby) Mine,OMC Ltd			
(b)	IBM Registration Number	Not issued by IBM			
©	Category of Mine	Category-B(OTFM)			
(d)	Type of working	Non-working			
(e)	Postal Address	Malipada Gemstone(Ruby) Mine,OMC Ltd			
	State	Odisha			
	District	Kalahandi			
	Village	Malipada(Jillingdhar)			
	Post Office	Malipada			
	Pin code	766002			
	FAX No.	0674-2396889/2391629			
	E-mail	info@orissamining.com			
	Phone no	0674-2377400/2377401			
(f)	Police Station	Junagarh			
(g)	Nearest Railway station	Junagarh			
(h)	First Opening date	No mining operations were commenced in the lease area hence not applicable.			
(i)	Weekly day of rest	Not Applicable			
2.	Address for correspondence	The Odisha Mining Corporation Ltd. (A Gold Category State PSU) OMC House,Bhubaneswar-751001,Odisha			
(a)	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest	Area in Acre	Non-Forest	Area in Acre
		Reserve Forest	Nil	Grazing land	32.305
		Protected Forest		Agriculture Land	36.032
		Village Forest		Others	--
		PRF		Total	68.337 Acres / 27.655 Ha.
		DLC			
		(b)	Mine code	Not issued by IBM	
3(a)	Lease Number	NA			
3(b)	Lease Area	27.655 Ha			
3©	Period of lease	07.11.2002 to 06.11.2022			
3(d)	Date of Expiry	06.11.2022			
4	Mineral Worked	Gemstone(Ruby)			
5	Name, address, Phone and Fax number of the lessee, Address, phone, email and fax number	The Odisha Mining Corporation Ltd. (A Gold Category State PSU) OMC House,Bhubaneswar-751001,Odisha			

6	Date of first Renewal, if applicable and its period & expiry	Not Applicable
7	Date of second Renewal, if applicable and its period & expiry	Not Applicable
8	Date of Grant of Mining Lease	07.11.2002
10	Date of Execution	07.11.2002
11	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
12	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	R.Vineel Krishna, IAS Managing Director The Odisha Mining Corporation Ltd. (A Gold Category State PSU) OMC House, Bhubaneswar-751001, Odisha Phone: 0674-2377400/2377401 Email: planningcellomc@gmail.com DoA- 21.03.2016
13	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not appointed since mine operation in the said mine was never started.
14	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not Appointed since mine operation in the said mine was never started.
15	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not Appointed since mine operation in the said mine was never started.
16	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not Appointed since mine operation in the said mine was never started.
17	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 &	Not Appointed since mine operation in the said mine was never started.
18	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Approved by IBM vide letter no BBS/KLN/RUBY/MP-110 dated 09.08.2001 for 5 years period from 2001-02 to 2005-06.
19	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
20	Mineral(s) granted in lease and proved for mining	Gemstone(Ruby)
21	Method of Mining(Open cast, Underground)	Open cast
22	Category (Fully Mechanized, Others or Manual)	B (OTFM)
23	Captive/Non Captive	Non Captive

Details about Mining Plan/ Mining Scheme

a) Letter No. and date of approval of mining plan	:	MP Approved by IBM vide letter no BBS/KLN/RUBY/MP-110 dated 09.08.2001 for 5 years period from 2001-02 to 2005-06.
b) Letter No. and date of approval of mining scheme.	:	NA
c) Condition while approving the MP/ MS/ modification	:	NA
d) Period of mining plan/ mining scheme in force :	:	NA

PART II-MCDR Report details.

1. Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration: No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not Applicable	NIL	NIL
1b	Exploration over lease area for Geological axis 1 or 2.	Not Applicable	NIL	NIL
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Applicable	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Applicable	NIL	NIL
1e	Balance reserves as on 01.04.2018	Not Applicable	NIL	NIL
1f	General remarks of inspecting officer on geology, exploration etc.	Not Applicable	NIL	NIL

Development: : No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.N0.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Not Applicable	NIL	NIL
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Not Applicable	NIL	NIL
2c	Stripping ratio or ore to OB ratio	Not Applicable	NIL	NIL
2d	Quantity of topsoil generation in m ³	Not Applicable	NIL	NIL

2e	Quantity of overburden generation in m ³	Not Applicable	NIL	NIL
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Not Applicable	NIL	NIL

Exploitation 2017-18) No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	Not Applicable	NIL	NIL
3b	Quantity of ROM mineral production proposed	Not Applicable	NIL	NIL
3c	Recovery of salable/usable mineral from ROM production	Not Applicable	NIL	NIL
3d	Quantity of mineral reject generation	Not Applicable	NIL	NIL
3e	Grade of mineral reject generation and threshold value declared	Not Applicable	NIL	NIL
3f	Quantity of sub-grade mineral generation	Not Applicable	NIL	NIL
3g	Grade of sub-grade mineral generation	Not Applicable	NIL	NIL
3h	Manual / Mechanized method adopted for segregating from ROM	Not Applicable	NIL	NIL
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Applicable	NIL	NIL
3j	Provision of drilling & blasting in mineral benches	Not Applicable	NIL	NIL
3k	Provision of mining machineries in mineral benches	Not Applicable	NIL	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Applicable	NIL	NIL
3m	Total area covered under excavation/pits	Not Applicable	NIL	NIL

3n	Ore to OB ratio for the pit/mine during the year	Not Applicable	NIL	NIL
3o	Total area put in use under different heads at the end of year	Not Applicable	NIL	NIL
3p	Production of ROM mineral during the last five year period as applicable.	Not Applicable	NIL	NIL
3q	General remarks of inspecting officer on method of mining etc.	Not Applicable	NIL	NIL

Solid Waste Management-Dumping:) No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not Applicable	NIL	NIL
4b	Location of topsoil, OB & mineral reject dumps	Not Applicable	NIL	NIL
4c	Number of dumps within lease area and outside lease area	Not Applicable	NIL	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	NIL	NIL
4e	Number of active & alive dumps	Not Applicable	NIL	NIL
4f	Number of dead dumps	Not Applicable	NIL	NIL
4g	Number of dumps stabilized	Not Applicable	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there	Not Applicable	NIL	NIL
4i	Length of Retaining wall or garland drain all along dump	Not Applicable	NIL	NIL
4j	Number of settling ponds	Not Applicable	NIL	NIL
4k	Specific comments of inspecting officer on waste dump management	Not Applicable	NIL	NIL

Solid Waste Management-Backfilling: No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Applicable	NIL	NIL
5b	Area under backfilling of mined out area	Not Applicable	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not Applicable	NIL	NIL
5d	Total area fully reclaimed & rehabilitated	Not Applicable	NIL	NIL
5e	General remarks of inspecting officer on backfilling, reclamation etc	Not Applicable	NIL	NIL

Progressive Mine Closure Plan: No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.No	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2). Details should be given in the format as given in Annexure-20.	Not Applicable	NIL	NIL
6b	Area available for rehabilitation (ha)	Not Applicable	NIL	NIL
6c	Afforestation done (ha)	Not Applicable	NIL	NIL
6d	No. of saplings planted during the year	Not Applicable	NIL	NIL
6e	Cumulative no. of plants	Not Applicable	NIL	NIL
6f	Any other specific method of rehabilitation	Not Applicable	NIL	NIL
6g	Cost incurred on watch & care during the year	Not Applicable	NIL	NIL
6h	Compliance on and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D)	Not Applicable	NIL	NIL

6i	Compliance on and by reclamation rehabilitation backfilling (ii) Void filled by waste/tailings.	Not Applicable	NIL	NIL
6j	Compliance on and by reclamation rehabilitation backfilling (iii) Afforestation on the backfilled area.	Not Applicable	NIL	NIL
6k	Compliance on and by reclamation rehabilitation backfilling (iv) Rehabilitation by making water reservoir	Not Applicable	NIL	NIL
6l	Compliance on and by reclamation rehabilitation backfilling (v) Any other specific means	Not Applicable	NIL	NIL
6m	Compliance of Rehabilitation of waste land within lease (i)Afforestation	Not Applicable	NIL	NIL
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	Not Applicable	NIL	NIL
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Not Applicable	NIL	NIL
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Not Applicable	NIL	NIL
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Not Applicable	NIL	NIL

Mineral Conservation: No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not Applicable	NIL	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Applicable	NIL	NIL
7c	Different grade of mineral sorted out at mines	Not Applicable	NIL	NIL
7d	Any beneficiation process at mines	Not Applicable	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Not Applicable	NIL	NIL

Environment: No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	NIL	NIL
8b	Concurrent use or storage of topsoil	Not Applicable	NIL	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	NIL	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	NIL	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	NIL	NIL
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not Applicable	NIL	NIL
8g	Survival rate	Not Applicable	NIL	NIL
8h	Water sprinkling on roads to control airborne dust	Not Applicable	NIL	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not Applicable	NIL	NIL

Compliance of Rule 45 (2017-18): No mining operations were commenced in the lease area hence not applicable and also there was no valid proposal for 2017-18.

S.N.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not Applicable	NIL	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Applicable	NIL	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Applicable	NIL	NIL
9d	Scrutiny of Annual return on Afforestation	Not Applicable	NIL	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not Applicable	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Applicable	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost etc.	Not Applicable	NIL	NIL
9h	Scrutiny of Annual return on fixed assets	Not Applicable	NIL	NIL
9i	Scrutiny of Annual return on mining machineries	Not Applicable	NIL	NIL

Date: 12/4/19

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12/4/19
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