

**INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/MN/SNG/MCDR-12/BBS

Mine code : 40ORI13031

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 18/09/2014
- (v) Prev.inspection date : 07/11/2000

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **TENTULDIHI**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : ORISSA
District : SUNDARGARH
Village : DENGULA
Taluka : BONAI
Post office : DENGULA
Pin Code :
FAX No. : NOT AVAILABLE
E-mail : NOT AVAILABLE
Phone : 06625-35063
- (e) Police Station :
- (f) First opening date : 01/12/1970
2. Address for : VILL. TENTULDIH (DENGULA), PO . KOIRA
correspondance DIST. SUNDERGARH, , POLICE STATION. KOIRA.
PIN. 770048, PHONE. 06625-35063
3. (a) Lease Number : ORI0200
(b) Lease area : 35.61
(c) Period of lease : 20
(d) Date of Expiry : 31/12/1999
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : M/s Orissa Manganese and minerals (p) Lt
M/SOMML9,esplanade mansi,
14-Govt. Place (east),
Calcutta KOLKATA WEST
BENGAL
Phone:2484988, 2484033, 2482871
FAX :033- 2483717

Owner : M/S Orissa Manganese and Minerals (p) Ltd.
9, Esplanade Mansion, 14-
Govt. Place (east),
Calcutta KOLKATA WEST
BENGAL
Phone: 033-2434177,243
FAX : 033-2482871

<p>Manager Name : B.K.MALLICK Qualification : PERMIT MANAGER CERTIFICATE Appointment/ : Termination date</p>
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6. Date of approval of Mining : 11/10/2007
Plan/Scheme of Mining

PART - II : TECHNICAL DETAILS/COMMENTS

1. Details about Average employment :

Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
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2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
General					
Infrastructure					
Sub total					
Sub total					
Total					

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

THERE WAS NO OUT STANDING VIOLATION, DURING CURRENT INSPECTION VIOLATION UNDER RULE 24(I) OF MCDR,1988 WAS POINTED OUT ON 20.10.2014, COMPLIANCE HAS BEEN RECEIVED ON 31.10.2014. AND CONSIDERED AS COMPLIED. MINE IS NON-WORKING SINCE 2000 DUE TO WANT OF FOREST CLEARANCE. THE DUMPS AND OTHER AFFECTED AREAS HAVE BEEN COVERED WITH BUSH AND SHRUBS BY NATURAL VEGETATION DURING LAST 14 YERAS. SUBSEQUENTLY THE LEASE HAS BEEN LAPSED BY STATE GOVT.VIDE LETTER NO.3890 /III(MN)SM-02/2011 /S&M DATED 01.05.2015.

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 19888, if recommended.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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D. Production

b. Year wise : MINE IS NON-WORKING
production of last : SINCE 2000 DUE TO WANT
five year. : OF FOREST CLEARANCE

D. Reserve

a. Reserve position as : 111 : 295625 MT, MINE IS NON-
per latest MP/MS and 121 & 122 : WORKING SINCE
at the time of 1907250 MT, 333 : 2000 DUE TO
inspection. 308750 MT AS PER WANT OF FOREST
LATEST SCHEME OF CLEARANCE.
MINING APPROVED ON
20.02.2012 VALID
UPTO 2016-17.

RESERVE POSITION AS ON 01/04/2014

MANGANESE ORE		
Category	Quantity in Tonnes	Grade
Proved	295626	28.7
Probable	1907250	28.7
Possible	308750	28.7
Total	2511626	

PRODUCTION FOR THE PREVIOUS YEAR 2013 - 2014

Mineral	Production	Unit
MANGANESE ORE	0	MT

6. Conservation of Mineral - both quantitative and qualitative

Mineral Rule 15

Number of benches in ore and waste. : KUSUM PIT (Q-A)
 NUMBER OF BENCHES IN ORE 1
 NUMBER OF BENCHES IN WASTE 1
 AMO PIT (Q-D)
 NUMBER OF BENCHES IN ORE 1
 NUMBER OF BENCHES IN WASTE 1

Exploration data as on 31/03/ 2014

No. of Boreholes

No. of Pits

No. of Trenches

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2013 - 2014Utilisation of Sub Grade Mineral and Mineral Rejects

Generated

Utilised

Stacked

(In Ton.)

7. Environment Management - both quantitative and qualitativ

A. Land environment

- a. Landscape. : THE AREA IS HILLY TERRAIN WITH NUMBER OF UNDULATIONS
- b. Aesthetic environment : GENERAL AESTHETIC HAS BEEN MAINTAINED. SAPLINGS HAVE BEEN PLANTED AROUND SAFETY ZONE.
- c. Soil and land use pattern :
- d. Agriculture : NO AGRICULTURE LAND WITH IN LEASE AREA
- e. Forest(flora and fauna) : SMALL TREES AND BUSHES
FEW LOCAL SPECIES OF BIRDS
- f. Vegetation : NATURAL GROWTH VEGETATION AS NO MINING ACTIVITY SINCE 2000. THE DUMPS AND OTHER AFFECTED AREA HAVE BEEN COVERED WITH BUSH AND SHRUBS BY NATURAL VEGETATION DURING LAST 14 YEARS.

B Water environment.

- a. Surface water : SURFACE WATER IS ACCUMULATED IN OLD PITS WHICH ACTS AS SOURCE OF RECHARGE OF GROUND WATER TABLE.
- c. Quality of water : UNDERGROUND WATER QUALITY IS POTABLE

C. Air environment

- a. Noise : NOISE LEVEL IS UNDER PERMISSIBLE.LIMIT.
- b. Air : THERE IS NO AIR POLLUTION AS THE MINE IS NOT IN OPERATION SINCE 2000.
- c. Climatic condition : MAXIMUM TEMPERATURE DURING MARCH TO JUNE 41 - 42 DEGREE

D. Socio economic environment

- a. Social and demographic profile. : MOSTLY PEOPLE ARE MUNDA, MAHAKUD, BHUYAN, PATRA CAST RESIDING NEAR THE MINE

7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

<u>Water Management</u>					
Season	Station type	Station name	Parameter	Value	
				Actual	Excess

<u>Air data for excess parameters</u>					
Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

<u>PLANTATION DURING THE PREVIOUS YEAR</u>		<u>2013 - 2014</u>
		Area in Hect.

<u>TOP SOIL MANAGEMENT</u>
Quantity as on 31/03/2014

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

ANNUAL RETURN FOR THE 2013-14 HAS BEEN RECEIVED.

MINE IS NON-WORKING SINCE 2000 DUE TO WANT OF FOREST CLEARANCE

COST OF OPERATION : NIL

PRODUCTION NIL

PIT MOUTH VALUE: NIL

FIXED ASSETS : Rs 699566.451(000) FOR ALL MANGANESE MINES AT THEIR KOIRA GROUP.

PART - III : PERFORMANCE OF MINE OWNER

(In case of lease expiring within 2 years - as per guidelines)

a. Compliance of terms and conditions of lease deed.

MINING LEASE EXPIRED ON 31.12.1999.
RENEWAL APPLICATION FILED ON 21.12.1998.
THE LEASE HAS BEEN LAPSED BY STATE GOVT. VIDE LETTER NO.3890 /III (MN)SM -02 /2011 /
S&M DATED 01.05.2015.

b. Compliance of the provisions of MCDR, 88 and advise given.

BOUNDARY PILLARS ARE NOT CONSTRUCTED AND MAINTAINED ON THE DATE OF INSPECTION AS PER
CCOM CIRCULAR NO 2/2010 AND ITS ADDENDUM HOWEVER GPS READINGS MENTIONED ON THE
CORNER PILLAR ARE VARIFIED AND IT WAS OBSERVED THAT READINGS ARE ALMOST MATCHING
WITH THE READINGS MENTIONED ON THE PILLAR. THE LEASE HAS BEEN LAPSED BY STATE GOVT.
VIDE LETTER NO.3890 /III (MN) SM -02/2011 /S&M DATED 01.05.2015.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

**Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy,
Annual Programme and studies, etc.)**

**State Government (Illegal mining, mining dispute, infrastructure, Mineral based
industry, Mineral policy, etc.)**

MINING LEASE EXPIRED ON 31.12.1999.. RENEWAL APPLICATION FILED ON 21.12.1998. NON-
WORKING SINCE 2000.. THE MINING LEASE HAS BEEN DECLARED AS LAPSED BY STATE GOVT
VIDE LETTER NO.3890 /III(MN)SM-02/2011 /S&M DATED 01.05.2015.

**The Central Government (Infrastructure, Development, Mineral policy and Legislation,
Mineral based industry, etc.)**

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines