

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/CR/DKL/MCDR-1/BBS

Mine code : 11ORI05003

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : **SHRI BENJAMIN DORA** , MINES MANAGER
Official with
Designation
- (iv) Date of Inspection : 14/08/2015
- (v) Prev.inspection date : 21/05/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KATHPAL(FACOR)**
- (b) Category : A Other than Fully Mech.
- (c) Type of Working : Underground
- (d) Postal address
State : ORISSA
District : DHENKANAL
Village : KATHPAL
Taluka : KAMAKSHYA NAGAR
Post office : MARUABIL
Pin Code : 759039
FAX No. :
E-mail :
Phone : 06726-68728
- (e) Police Station :
- (f) First opening date : 07/10/1972
2. Address for : KATHPAL CHROMITE MINES
correspondance VILL-KATHPAL, PO-MARUABIL
DIST-DHENKANAL
3. (a) Lease Number : ORI0242
(b) Lease area : 113.31
(c) Period of lease : 20
(d) Date of Expiry : 06/10/2012
4. Mineral worked : CHROMITE Main

5. Name and Address of the

Lessee : FERRO ALLOYS CORPN. LTD.
 PO: KALIAPANI VIA J.K. ROAD
 JAJPUR ORISSA
 Phone:
 FAX :

Owner : SRI.U.S.AGARWAL
 SHREERAM BHAWAN
 TUMSAR, DIST. BHANDARA.
 MAHARASTRA. BHANDARA
 MAHARASHTRA
 Phone: 07183-20233
 FAX : 07183-20271

Agent : N.VEERA
 BOULA CHROMITE MINE BOULA
 KEONJHAR KEONJHAR ORISSA
 Phone: 06784-67222
 FAX :

Mining Engineer

Name : L.MOHAPATRA, Full Time
 Qualification : AMIE(MINING)
 Appointment/ : 01/04/1996
 Termination date

Mining Engineer

Name : A.K.SEN, Full Time
 Qualification : B.E.(MINING)
 Appointment/ : 22/06/1999
 Termination date

Geologist

Name : I .RAMA RAO, Full Time
 Qualification : MSC.GEOLOGIST
 Appointment/ : 01/04/1999
 Termination date

Manager

Name : A.K.SEN
 Qualification : B.E.MINING, 1ST CLASS COMPETENCY (U/R)
 Appointment/ :
 Termination date

6. Date of approval of Mining : 12/11/2009
 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
DIRECT		

Workers

169

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.

MINING OPERATIONS HAS BEEN STOPPED / SUSPENDED w.e.f 07.10.2012 AS PER DFO, DHENKANAL VIDE HIS LETTER NO.6622 DATED 06.10.2012. DUE TO NON-AVAILABILITY OF FOREST CLEARANCE FROM MOEF.

THE LEASE HAS BEEN DECLARED AS LAPSED w.e.f 07.10.2014 BY STEEL & MINES DEPARTMENT, GOVT.OF ODISHA VIDE THEIR LETTER NO.8154 /III(CR)SM-02/2015 / SM DATED 27.08.2015. THE LESSEE HAS NO VALID LEASE AS ON DATE.

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, 1988, if recommended.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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A. Exploration (Rule 13)

a.Type of prospecting : U/G HOLE : 160 M MINING OPERATION HAS
and exploration i.e. AND O/C HOLE : 150 BEEN STOPPED SINCE
pitting, drilling M 07.10.2012 BY DFO,
DHENKANAL

b.Total area covered : 57.22 HA

B. Working (Rule 13)

a.Number and size of : NUMBER : 3 NO WORK DONE. MINING
each pit (LxWxH) 210 M X 180 M X 57 OPERATION HAS BEEN
M, 150 M X 85 M X STOPPED SINCE 07.10.2012
45 M AND 220M X BY DFO, DHENKANAL
200 M X 38 M

C. Waste disposal (Rule 13)

a.Location of dumps : WEST SIDE AND EAST SIDE

b.Method of dumping : STABILISED AND
whether AFFORESTED
advancing/retreat

d.No.and size of each : WESTERN DUMP: 815 M X
waste dump with No of 280 M X 7 M
steps/lift/bench EASTERN DUMP : 325 M X
145 M X 27.5 M

c.Total area covered : 27.242 HA
under waste dump.

D. Production

b.Year wise : 44000 TONNE DURING MINING OPERATION HAS
production of last 2014-15 BEEN STOPPED SINCE
five year. 07.10.2012 BY DFO,
DHENKANAL

D. Reserve

a.Reserve position as : RESERVE POSITION AS PER MINING
per latest MP/MS and LATEST APPROVED MINING OPERATION HAS
at the time of PLAN DATED 09.06.2011 BEEN STOPPED
inspection. APPROVED FOR THE PERIOD SINCE
2012-13 TO 2016-17 AND 07.10.2012 BY
AT THE TIME OF DFO, DHENKANAL
INSPECTION AS ON
01.04.2015 IS AS
FOLLOWS:
PROVED : 2.121 LAKH
TONNE HAVING GRADE 46.20
CR203
PROBABLE : 2.451 LAKH
TONNE HAVING GRADE 44.06
CR203
POSSIBLE : 9.233 LAKH
TONNE HAVING GRADE 47.47

CR203
TOTAL : 13.805 LAKH
TONNE HAVING GRADE 46.67
CR203

RESERVE POSITION AS ON 01/04/2015

CHROMITE		
Category	Quantity in Tonnes	Grade
Proved	212100	46.20 CR203
Probable	245100	44006 CR203
Possible	923300	47.47 CR203
Total	1380500	

PRODUCTION FOR THE PREVIOUS YEAR 2014 - 2015

Mineral	Production	Unit
CHROMITE	0	TON

6. Conservation of Mineral - both quantitative and qualitative

Exploration data as on 31/03/ 2015

No. of Boreholes	No. of Pits	No. of Trenches
341	122	

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2014 - 2015

Overburden/waste removed (in m3) :	0
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Utilisation of Sub Grade Mineral and Mineral Rejects

<u>Generated</u>	<u>Utilised</u>	<u>Stacked</u>	(In Ton.)

7. Environment Management - both quantitative and qualitativ

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>2014 - 2015</u>
		Area in Hect.

<u>TOP SOIL MANAGEMENT</u>	
Quantity as on 31/03/2015	

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 YEAR 2014-15 HAS BEEN RECEIVED

COST OF OPERATION : NIL

PRODUCTION: NIL

PIT MOUTH VALUE: NIL

STOCK AS ON 01.04.2015 : 6165.293 MT

THE MINE WORKINGS HAS BEEN SUSPENDED w.e.f. 07.10.2012 BY DFO, DHENKANAL VIDE HIS LETTER NO.6622 DATED 06.10.2012 DUE TO NON-AVAILABILITY OF FOREST CLEARANCE FROM MOEF.

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.

THE MINING LEASE WAS FOR 20 YEARS FROM 07.10.1992 TO 06.10.2012.

THE MINING OPERATION HAS BEEN SUSPENDED w. e. f. 07.10.2012 BY DFO, DHENKANAL VIDE HIS LETTER NO.6622 DATED 06.10.2012 DUE TO NON-AVAILABILITY OF FOREST CLEARANCE FROM MOEF.

THE LEASE HAS DECLARED AS LAPSED w.e.f. 07.10.2014 BY STEEL & MINES DEPARTMENT, GOVT. OF ODISHA VIDE THEIR LETTER NO. 8154/III(CR)SM-02/2015 /SM DATED 27.08.2015.

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

ON THE DATE OF INSPECTION MINE WAS UNDER SUSPENSION w.e.f 07.10.2012 BY DFO, DHENKANAL VIDE LETTER NO.6622 DATED 06.10.2012 DUE TO NON-AVAILABILITY OF FOREST CLEARANCE FROM MOEF.

UNDERGROUND MINING WAS IN 2 PITS : JUNGLE PIT AND MAHESWAR PIT

JUNGLE PIT: MAIN SHAFT TOP RL : +60.70 SHAFT BOTTOM RL : -95.3 DEPTH: 156 M

2ND OUTLET TOP RL: +56.6

BOTTOM RL: -

19.4 DEPTH: 76M

LEVEL NO.10 LEVEL RL : +25, +18,+10, +6, -5,-20, -40, -65,-77, -92 LEVEL LENGTH: 4565.50 M

MAHESWAR PIT: MAIN SHAFT RL: +63.2 SHAFT BOTTOM RL: -68.8 DEPTH: 132 M

2ND OUT LET TOP RL: +54.2

BOTTOM RL: -29.8

DEPTH: 84 M

LEVEL NO.10 LEVEL RL: +30,+20, +10, 0 -10,-20,-30,-45, -65, -80 LEVEL LENGTH: 1990.70 M

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.)

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

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines