

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

MCDR INSPECTION REPORT

Bhubaneshwar regional office

Mine file No : ORI/IRON/KJR/MCDR-30/BBS/18/0:

Mine code : 30ORI08023

- (i) Name of the Inspecting : **DEY**) **NARENDRA MOHAN DEY**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : SHRI P CHOWDHURY, REPRESENTATIVE OF LESSEE
Official with
Designation
- (iv) Date of Inspection : 15/09/2014
- (v) Prev.inspection date : 21/09/2013

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAJANG**
- (b) **Registration NO.** : **IBM / 5330 / 2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : JAJANG
- Taluka : BARBIL
- Post office : JAJANG
- Pin Code : 758052
- FAX No. : 91-6767-275515
- E-mail : info@tblal.com
- Phone : 06767-30515
- (f) Police Station :
- (g) First opening date : 01/08/1985
- (h) Weekly day of rest : TUE
2. Address for : VILLAGE: JAJANG
correspondance PO: JODA
DIST. KEONJHAR, ORISSA-758034
3. (a) Lease Number : ORI0110
- (b) Lease area : 39.89
- (c) Period of lease : 30
- (d) Date of Expiry : 10/10/1991
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : T.B.LAL &CO.POA H.V LAL
AT/PO BARBIL DIST.KEONJHAR
ORISSA. KEONJHAR ORISSA
Phone:06767-305151
FAX :NOT AVAILABLE

Owner : T.B.LAL POWER OF ATTERNEY IS H.V LAL
AT/PO BARBIL DIST. KEONJHAR
ORISSA KEONJHAR ORISSA
Phone: 305151
FAX :

Mining Engineer

Name : T.B.LAL,Full Time
Qualification : B.A & AISM(MMGI)
Appointment/ : 01/08/1985
Termination date

Manager

Name : T.C.BANERJEE
Qualification : PERMIT MANAGER
Appointment/ : 15/03/1990
Termination date

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	2011-12: 10 BH, 2012-13: 10 BH & 2013-14: 5 BH	NIL NO MINING OPERATION SINCE NOVEMBER, 2009	MINING OPERATIONS HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES.
1b	Exploration over lease area for geological axis 1 or 2	AS PER MINING PLAN APPROVED ON 29.07.2011 FOR THE PERIOD 2011-12 TO 2015-16 THE EXPLORATION PROPOSAL WAS AS FOLLOWS: 2011-12: 10 BH, 2012-13: 10 BH & 2013-14: 5 BH	NIL HOWEVER LEASE AREA ALREADY EXPLORED OUT OF TOTAL LEASE 22.695 HA AS PER UNFC NORMS IS AS FOLLOWS: UNDER G1 LEVEL : 9.81 HA, UNDER G2 LEVEL: 2.8 HA, NON- MINERALISED : 0.638 HA	MINING OPERATIONS HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES.
1c	Exploration Agencies and Expenditure in lakh rupees during the year		NOT AVAILABLE	
1d	Balance area to be explored to bring Geological axis in 1 or 2	DURING 2011-12 TO 2013-14 NUMBER OF BH TO BE DRILLED 25. AS PER MINING PLAN APPROVED ON 29.07.2011 FOR THE PERIOD 2011-12 TO 2015-16. BALANCE LEASE AREA TO BE EXPLORED : 10.085 HA	NIL NO MINING OPERATION SINCE NOVEMBER, 2009.	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES.

1e	Balance reserve as on 01/04/20	AS PER MINING PLAN APPROVED ON 29.07.2011 THE RESERVE ESTIMATED AS PER UNFC NORMS WAS AS FOLLOWS: 111: 1310260 MT , 122: 3841600 MT (+ 55% FE) 221: 481320 MT , 222: 1411200 MT (+45% TO - 55% FE)		
1f	General remarks of inspecting officers on geology, exploration etc	MINING PLAN APPROVED ON 29.07.2011 FOR THE PERIOD 2011- 12 TO 2015-16 WITH THE PROPOSAL TO DRILL 25 NOS OF BH DURING 2011-12 TO 2013-14.	NO BH WAS DRILLED, HOWEVER, RESERVE HAS BEEN ESTIMATED WITH THE HELP OF FIELD SURVEY AND QUARRY OBSERVATION. ON THE BASIS OF PREVIOUS WORKINGS 29 M THICK IRON ORE ZONE WAS PROVED IN BOTTOM PIT WHILE 24 M THICK IN AMM PIT. PROVED LIMIT WAS TAKEN LATERALLY 100 M ON EITHER SIDE OF QUARRY FLOOR LIMIT AND 10 M BELOW THE EXISTING FLOOR. PROBABLE RESERVE HAS BEEN TAKEN OVER THE ENTIRE MINERALISED AREA UPTO THE EXISTING QUARRY FLOOR BEYOND THE PROVED LIMIT AND 5 M BELOW THE PROVED LIMIT.	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT STATUTORY CLEARANCES. SUBSEQUENTLY STATE GOVT, DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	BOTTOM PIT AND AMM PIT	NIL NO WORK SINCE NOVEMBER, 2009	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM , JODA DUE TO WANT OF STATUTORY CLEARANCES.SUBSEQU ENTLY STATE GOVT HAS DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED20.08.2015.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	BOTTOM PIT AND NIL AMM PIT NO WORK SINCE NOVEMBER, PROPOSED TO BE 2009 DEVELOPED AS PER MINING PLAN APPROVED ON 29.07.2011 FOR THE YEAR 2011-12 TO 2015-16.	MINING OPERATIONS WAS SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT STATUTORY CLEARANCES. SUBSEQUENTLY THE STATE GOVT, DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	BOTTOM PIT AND NIL AMM PIT, AS PER MINING PLAN APPROVED ON 29.07.2011.	NIL NO WORK SINCE NOVEMBER, 2009	MINING OPERATION HAS BEEN SUSPENDED W e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES. SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.
3b	Quantity of ROM mineral production proposed	2011-12: 84035 MT, 2012-13: 97755 MT, 2013-14: 101185 MT, 2014-15: 104615 MT, 2015-16: 106330 MT, AS PER MINING PLAN APPROVED ON 29.07.2011.	NIL NO WORK SINCE NOVEMBER, 2009	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES. SUBSEQUENTLY THE STATE GOVT DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.
3m	Total area covered under excavation/pits		NIL, NO WORK SINCE NOVEMBER, 2009. HOWEVER CUMULATIVE ALREADY AREA COVERED UNDER EXCAVATION 1.424 HA	

3o	Total area put in use under different heads at the end of year		NIL, NO WORK SINCE NOVEMBER, 2009. HOWEVER ALREADY CUMULATIVE AREA PUT IN USE UNDER EXCAVATION / PITS : 1.424 HA, COVERED UNDER WASTE DUMP : 0.638 HA, OCCUPIED BY ROAD ETC: 0.90 HA AND GREEN BELT: 1.40 HA.	
3p	Production of ROM mineral during the last five year period as applicable	2011-12: 84035 MT, 2012-13: 97755 MT, 2013-14: 101185 MT, 2014-15: 104615 MT, 2015-16: 106330 MT.	NIL, NO WORK SINCE NOVEMBER, 2009	
3q	General remarks of inspecting officers on method of mining etc.	OPENCAST METHOD OF MINING WITH THE HELP OF DRILLING MACHINE (32 MM DIA JACK-HAMMER DRILL), 10 T TIPPER. BECAUSE OF HARD STRATA, DRILLING AND BLASTING PROPOSED TO BE ADOPTED FOR LOOSENING OF HARD ROCK MASS.	NIL, NO WORK SINCE NOVEMBER, 2009.	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT. HAS DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)			

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.	AREA TO BE BACKFILLED DURING 2013-14: 1ST YEAR EXCAVATING AREA (2011-12) AREA TO BE BACKFILLED: DURING 2014-15: 2ND YEAR EXCAVATING AREA (2012-13) AREA TO BE BACKFILLED DURING 2015-16: 3RD YEAR EXCAVATING AREA (2013-14)	NIL NO WORK SINCE NOVEMBER, 2009	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	THERE WAS PROPOSAL FOR BACKFILLING DURING 2013-14 TO 2015-16 AS PER APPROVED MINING PLAN DATED 29.07.2011	NIL, NO WORK SINCE NOVEMBER, 2009	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES . SUBSEQUENTLY THE STATE GOVT. HAS DECLARED THE LEASE AS LAPSED w e# f 24.08.2012 VIDE THEIR LATTER DATED 20.08.2015.

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 FOR THE YEAR 2013-14 NOT SUBMITTED.	NIL NO WORK SINCE NOVEMBER, 2009	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES. SUBSEQUENTLY THE STATE GOVT. HAS DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.
6e	Cumulative no .of plants	3200 NO OF SAPLINGS TO BE PLANTED OVER AN AREA 2.0 HA DURING 2011-12 TO 2015-16	NIL NO WORK SINCE NOVEMBER, 2009.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PROPOSAL OF PMCP HAVE NOT BEEN CARRIED OUT AS THERE WAS NO MINING OPERATION SINCE NOVEMBER, 2009.	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES AND SUBESQUENTLY THE STATE GOVT. HAS DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	AS PER MINING PLAN APPROVED ON 29.07.2011 FOR THE PERIOD 2011-12 TO 2015-16 THE PROPOSAL WAS AS FOLLOWS: 2011-12 : 84035 MT, 2012-13: 97755 MT, 2013-14: 101185 MT, 2014-15: 104615 MT, 2015-16: 106330 MT	NIL, THERE WAS NO WORK SINCE NOVEMBER, 2009	MINING OPERATION WAS SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT. HAS DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL AND MECHANICAL	NIL NO WORK SINCE NOVEMBER, 2009	
7d	Any beneficiation process at mines .	A PART OF RUN-OFF MINE HARD MASSIVE INSITU ORE PRODUCED FROM THE HILL TOP QUARRY PROPOSED TO BE BROKEN INTO REQUIRED SIZES MANUALLOY BY THE HAMMER AS WELL AS BY A SMALL CAPACITY CRUSHER. RUN-OFF MINE ORE PRODUCED FROM JAJANG QUARRY PROPOSED TO BE SIZED IN A 110 TPH CRUSHER TO PRODUCE +5 TO -18 MM LUMP AND -5 MM FINES.	NIL NO MINING OPERATION SINCE NOVEMBER, 2009.	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	SUB-GRADE IIRON ORE (+45 TO -5% FE) PROPOSED TO BE STACKED SEPARATELY AND AS & WHEN MARKET DEMAND IS INCREASED , PROPOSED TO BE SOLD. HARD MASSIVE ORE PROPOSED TO BE SIZED IN A 110 TPH CRUSHER TO PRODUCE +5 TO -18 MM LUMPS AND -5 MM FINES.	NIL	MINING OPERATION HAS BEEN SUSPENDED w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT. HAS DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO PROPOSAL	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	SEPARATE DUMPS FOR OB / WASTE PROPSED	NIL NO MINING OPERATION SINCE NOVEMBER, 2009.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	3200 NO OF TREES PROPOSED TO BE PLANTED OVER AN AREA 2.0 HA DURING 2011-12 TO 2015-16.	NIL THERE IS NO PROMINENT VEGETATION WITH IN ML AREA EXCEPT SPORADIC BUSHES.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		PREVIOUSLY SOME SAPLINGS HAVE BEEN PLANTED IN SIDE LEASE AND OUT SIDE LEASE. NO AIR POLLUTION AND NO NOISE POLLTTION AS THE MINE IS UNDER SISPENSION SINCE 06.11.2009.	AESTHETIC BEAUTY IN AND AROUND THE MINES AREA IS SATISFACTORY AS THE MINE IS UNDER SUSPENSION w e f 06.11.2009 BY DDM, JODA .

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	NOT SUBMITTED	VIOLATION CUM SHOW-CAUSE NOTICE ISSUED TO THE LESSEE ON 20.10.2014 FOR NOT SUBMITTING MONTHLY RETURNS AND ANNUAL RETURN 2013-14.	MINE IS UNDER SUSPENSION w e f 06.11.2009 BY DDM, JODA DUE TO WANT OF STATUTORY CLEARANCES AND SUBSEQUENTLY THE STATE GOVT HAS DECLARED THE LEASE AS LAPSED w e f 24.08.2012 VIDE THEIR LETTER DATED 20.08.2015.

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
Rule 13(1)	20/10/2014		Rule 13(1)	20/10/2014	
Rule 45(1)(a)	20/10/2014		Rule 45(1)(a)	20/10/2014	
Rule 45(1)(b)	20/10/2014		Rule 45(1)(b)	20/10/2014	

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines